ease prin	nt or type. (Form de	signed for use on (lite (12-pitch) typewrite	A7 14015	33075-	001	100	W 9/30	and the same		* *	4B·No. 2050-0
UNIF	ORM HAZARDOUS	S I Generator ID I	umber 30446637		2. Page 1 of 1	J. Emerge		3718	4. Manifes	Tracking Num	7093	FLE
5. General	erator's Name and Ma by Chemical 555 Moline St urcra, CO 800 ator's Phone: (970 asporter 1 Company N	Company treet)10)1256-8889				Generalor SAM		ess (if different	than mailing addre	Number		
C	eon t		S ENUC	Sucs	1					0393	222	.50
	sporter 2 Company N			1					U.S. EPA ID	A STATE OF		33
Cle 3 l Gr	Ignated Facility Name ean Harbors (Miles East 7 antsville, UT /s Phone:	Grassy Moun Villes North o	f Knells				y H S		U.S. EPAID UT C	9913	0174	8
9a. HM	9b. U.S. DOT Descri and Packing Group		r Shipping Name, Hazard	Class, ID Number			10, Cor No.	ntainers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Was	te Codes
	Equation of the last	2. POLYCHL	ORINATED BIPH	ENYLS. SOL	.10		/	CM	11,340	KG	6	
X	2.								11,511			
	3.								1 10			
	4.											
A CONTRACTOR	ecial Handling Instruct CH607319B		formation CRG#171	-2014		OX		TRK	140	27		
E	narked and labeled/pla exporter, I certify that the	ROR'S CERTIFICATI carded, and are in all ne contents of this con minimization statemen	ON: I hereby declare that respects in proper conditi signment conform to the I t identified in 40 CFR 262	the contents of this on for transport accordings of the attached	consignment ording to appli d EPA Acknow e quantity gen	icable international internati	tional and Consent. (if I am a s	national govern	mental regulations enerator) is true.	i. If export shipr	and are classified ment and I am I	Day Yea
Transp	emational Shipments oorter signature (for ex	ports only):	to U.S.		Export from	U.S.		entry/exit:				
Transpo Go Transp	nsporter Acknowledgm orter 1 Printed/Typed I SULY MCK, orter 2 Printed/Typed I	SS CK	rials			gnature	.05				Month 10 Month	Day Yea
18. Dis	crepancy									. , ,		
18a. Di	iscrepancy Indication S	Space A Coua	Weights	05 176,82	80 lbs			Kg) p	er Sa	jection/ L	ave (W 7 %
	ternate Facility (or Geo	nerator)			-		7.6		U.S. EPAID	Number		
18c. Si	gnalure of Alternate Fa		Codes (i.e., codes for ha	zardous waste treat	ment, disposa	al, and recyc	ing system	s)		G.	Month	Day Ye
100	1132	and a most	2.		3.	,	2 stereity	160	4.		-7.5	
	signated Facility Owner	er or Operator Certific	alion of receipt of hazardo	ous materials covere	d by the mani	ifest except a	s noted in	Item 16a	Jof.	2019	HO / / O Month	Day Year
A Form 8	8700-22 (Rev. 3-05)) Previous editions	are obsolete.			PV			DES	IGNATED F	ACILITY TO	O GENERAT



STABILIZAT	LOAD DISPOSATION RCRA CELL	TSCA CELL	SPOT		9:45 10 2 57800 1 0 1 57800 1	b GROSS b TARE
- In	LOAD TRACKING			CD		
PLANT RECEIVED DE	ROPPED FINAL CODE REVIE	WEIGHTS	GRIDS MANIFEST MAILED			
DATE		ONO.	10 gg	22/0	ct/2014	11:24:51
10/	22/14	20140	17965	GROS	S 165.	57800
GENERATOR	0.001	HAULER		TODE	lbs.	40920
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ORDER NO.		DRUM NO.		NET	lbs:	16880
140	533075	4/24	8857			
TRUCK NO.	CONTAINER NO. (s)/ F	O OOAL	2			
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-	T FB V OTHER	1	2 3 4			
OPERATOR SIG		COU	NT DATE	-		
						260
LOAI	WASHOUT INFOR	MATION	WASHOUT S	TAMP		
WASHOUT:	TYPE:					
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DRIVER SIGNA	TURE	DATE			3	
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	Whigh c	MO COM	my - k	Rivola	red .	158
		8	0			100
						•
	Table 1					
Clean Harbo	rs Grassy Mountain Facili	tv. Tooele County	. Utah	2		10

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/6/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011250

Manifest #:

007020534FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40972211

8/18/2014

CM 40972211/

PCB Solids For Landfill

10/7/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Wednesday, October 08, 2014

GM

7:12 10 07 14 63460 1b GROSS 0 1b TARE

LOAD DISPOSAL DESTINATION	0 1b TARE 63460 1b NET
STABILIZATION RCRA CELL TSCA CELLES STABILIZATION	C3700 IV III-I
LOAD TRACKING INFORMATION	
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED	CD
DATE LOAD NO.	07/0ct/2014 09:24:31
10 7 14 201401/250 GENERATOR HAULER	GROSS 1bs. 63460
Noier	TARE lbs- 41500
ORDER NO. DRUM NO.	NET 1bs- 21960
1401533075 40973211	9959kg
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	
89 CHHP 20923	
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	
ED (G) TT FB V OTHER 1 2 3 4	
OPERATOR SIGNATURE COUNT DATE	
LOAD WASHOUT INFORMATION WASHOUTS	STAMP
	10
WASHOUT: TYPE:	
YES NO INTERIOR EXTERIOR	0.
YES NO INTERIOR EXTERIOR WASHOUT SIGNATURE DATE	
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/7/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011253

Manifest #:

007020536FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

40972972/

Material Description Disposal Date

Method of Disposal

Disposal Facility

40972972

8/18/2014

PCB Solids For Landfill

10/7/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Wednesday, October 08, 2014

ase print or type. (Form o	esigned for use on elite (12-pitch)	typewriter.)				A 61. · · · · ·		proved. OMB No	, 2050-003
UNIFORM HAZARDO WASTE MANIFEST	JS CODO 3 0 4 4 G	[2. F	Page 1 of 3. Emery			00		536	FLE
5. Generator's Name and Dow Chemical 3555 Moline S Aurora, CO 80	treet		SAM		s (if different t	nan mailing addre	SS)		
Generator's Phone: 6. Transporter 1 Company 7. Transporter 2 Company	Hackors	Enll Sin	15			U.S. EPA ID I	77972	22 <i>S</i> D	
8. Designated Facility Nar Clean Harbors 3 Miles East 7 Grantsville U1	Grassy Mountain LLC Miles North of Knolls 84029					U.S. EPAID		01748	
10 11 0	(435) 884-8900 cription (including Proper Shipping Nar o (if anyl)	ne, Hazard Class, ID Number,		10. Cont	ainers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Co	des
1100	32 POLYCHLORINATE	D BIPHENYLS, SOLID		1	1ºM	est 11,340	KG		
2.									
3.					3				
4.			7:						
marked and labeled	FEROR'S CERTIFICATION: I hereby placarded, and are in all respects in prit the contents of this consignment contentined in the minimization statement identified in	o SD F-18-2 declare that the contents of this contents of this contents of the contents of the attached E	nsignment are fully a ng to applicable inter PA Acknowledgment uantity generator) or Signature	nd accurately national and n of Consent. (b) (if I am a s	described abornational govern	enerator) is true.	hipoing name, a	nd are classified, ponent and I am the P	ay Yea
16. International Shipmer Transporter signature (fo	ts Import to U.S.	Dε	xport from U.S.	Port of	entry/exit: aving U.S.:				
17. Transporter Acknowle Transporter 1 Printed/Typ MCAA Transporter 2 Printed/Typ	igment of Receipt of Materials ad Name: H		Signature Signature	1147	x tite			10	Year G 14 Day Year
18. Discrepancy						Поли	1 4	Пел	Rejection
18a. Discrepancy Indicat	on Space Quantity	∟.l Туре	L M	Residue anifest Refere	nce Number:	Partial R		L Fua	rejection
18b. Alternate Facility (or	Generator)					U.S. EPAIC	Number		
Facility's Phone: 18c. Signature of Alterna			# #	#Ar	un: N	Op Se	Ťγ	Month	Day Ye
18b. Alternate Facility (or Facility's Phone: 18c. Signature of Alterna 19. Hazardous Waste Re 1. H132	port Management Method Codes (i.e., 2.	codes for hazardous waste treatme	ant, disposal, and rec	ycling system	s)	4.			
2	wner or Operator: Certification of recei	pt of hazardous materials covered	by the manifest exce Signature	pt as noted in	Item 18a	Jol.	2019	#()//2 Month	(1) (1) (2) (2) (3) (4) (7) (1) (4)
A Form 8700-22 (Rev. 3	-05) Previous editions are obsole		7	VIIA	N V N	DE	SIGNATED	FACILITY TO	ENERAT



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DATE LOAD NO.	
10/7/14 2014011253	
GENERATOR HAULER	2 7
ORDER NO. DRUM NO. 07/0ct/2014 15	11 (0 . ***
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	060
CONTAINER TYPE: LOAD COUNT (RAIL ONLY): NET 163. 306	380
ED G II FB V OTHER 1 2 3 4	05 K
OPERATOR SIGNATURE COUNT DATE	
LOAD WASHOUT INFORMATION WASHOUT STAMP	
WASHOUT: TYPE:	
WASHOUT SIGNATURE DATE	
WASHOOT SIGNATORE DATE	
DRIVER SIGNATURE () DATE	
DRIVER SIGNATURE DATE. 7 Oct 2014 GRASSY MOUNTAIN FACILITY	
ITEM COMMENTS NAME DAT	ΓE
Weight Discrepancy Resoluted	
	J. S
	- 8

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/6/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011216

Manifest #:

007020538FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

40958997 /

Material Description Disposal Date

Method of Disposal

Disposal Facility

40958997

8/18/2014

CM

PCB Solids For Landfill

10/6/2014

Landfill

Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Authorized Agent

Tuesday, October 07, 2014



		i3: i0 i0 (
LOAD DISPOSAL DESTINAT	ION	65220 l	th GROSS LE TARE
STABILIZATION RCRA CELL TSCA CELL	SPOT	65220 _y 1	
LOAD TRACKING INFORMAT	TION		1
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS	GRIDS MANIFEST MAILED		
DATE LOAD NO.	10	06/0ct/2014	15:03:10
GENERATOR THAULER	126	GROSS 1bs.	65220
GENERATOR	n.H	TARE ibs.	43560
ORDER NO. DRUM NO.			
1401533075 409	58997	HET 165.	21660
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.			
1600 CHHP 2003	COUNT (RAIL ONLY):		
ED G TT FB V OTHER 1 OPERATOR SIGNATURE CO	2 3 4 JNT DATE		
OPERATOR SIGNATURE	DATE		
LOAD WASHOUT INFORMATION	WASHOUT STAM	P	
WASHOUT: TYPE:		CH	
YES NO INTERIOR EXTERIOR	WHEEL WA	ASIT	
WASHOUT SIGNATURE DATE	OCT 6 201	4 ,	
10-6-14		FACILITY	
DRIVER SIGNATURE DATE	GRASSY MOUNTAIN	I FACILITY OF THE PROPERTY OF	
ITEM COMME	NTS	NAME	DATE
I DA Albert	· Oans /		
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Welght Disch	epancy		

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Generator Address:

Dow Chemical Company

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533075

Date Received:

10/30/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012317

Manifest #:

007020539FLE

Original Date Removed Unit CH ID#

CM

Serial # /

41432165 /

Material Description Disposal Date

Method of Disposal

Disposal Facility

41432165

8/18/2014

From Service Type Customer ID

PCB Solids For Landfill

10/30/2014

Landfill

Grassy Mountain, UT

Facility

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> Shane B Whitney Authorized Agent

Friday, October 31, 2014

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) SC PPW 8/10/2014 Form Approved. OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number 0070205 (800) 483-3718 **WASTE MANIFEST** COD030446637 Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address Dow Chemical Company 3555 Moline Street SAME Aurora, CO 80010 Generator's Phone: 19701 266-8889 6. Transporter 1 Company Name ILS EPAID Number SAIV SURS MAD0393 22.250 7. Transporter 2 Company Name U.S. EPA ID Numbe B. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Grassy Mountain LLC UTD991301748 3 Miles East 7 Miles North of Knolls Grantsville. UT 84029 (435) 984-8900 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 9a. 12. Unit 13. Waste Codes and Packing Group (if any)) НМ WL/Vol. Quantity No. RO UN3432 POLYCHLORINATED BIPHENYLS, SOLID e5+ GENERATOR MIXTURE, 9, PG III X K6 1,340 14. Special Handling Instructions and Additional Information Box = 4820992 1_CH807319B ERG#171 8-18-2014 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name OB 16. International Shipments Export from U.S. Import to U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature TR ANSPO Transporter 2 Printed/Typed Name mek ssick 18. Discrepancy 18a. Discrepancy Indication Space Type 16,340 165 Quantity Residue (7413 Kg) Full Rejection to use 4M per Swah Lave, (u) 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

1. H132

Printed/Typed Nan

4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

STABILIZATION

LOAD SUMMARY RECORD

STABILIZATION

MANIFEST MAILED

9:14 10 30 14 LOAD DISPOSAL DESTINATION

57880 1b 6R088 0 15 TARE 57880 1b NET

CD30/0ct/2014
307 00 6 2014

10:17:47

GROSS 1bs.

57880

TARE 1bs.

41540

HEF lbs. -

16340

PLANT RECEIVED FINAL CODE REVIEWED DROPPED WEIGHTS **GRIDS** DATE LOAD NO. **GENERATO** HAULER ORDER NO. DRUM NO.

LOAD TRACKING INFORMATION

TRUCK NO.

CONTAINER NO. (s)/ RAILCAR NO.

CONTAINER TYPE:

LOAD COUNT (RAIL ONLY):

ED/G

TT FB V OTHER

RCRA CELL

3 4 2

OPERATOR SIGNATURE

COUNT

DATE

LOAD WASHOUT INFORMATION	WASHOUT STAMP
CUOLIT. TYPE	

WASHOUT:

TYPE:

YES NO

INTERIOR

EXTERIOR

WASHOUT SIGNATURE

DATE

DRIVER SIGNATURE

10-30-4 DATE

ITEM	COMMENTS	NAME	DATE
	Weight discrepancy - Bess	wed	- VI
	0		11/3
- 4		1	

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Generator Contact Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Date Received:

10/31/2014

Aurora, CO, 80010

Generator EPA ID:

COD030446637

Load #:

14012358

Manifest #:

007020542FLE

Original Date Removed Unit CH ID#

Serial # / From Service Type **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41458091

8/18/2014

CM

41458091/

PCB Solids For Landfill

10/31/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Monday, November 03, 2014



LOAD DISPOS	AL DESTINATI	ON	1		
STABILIZATION RCRA CELL	TSCA CELL	6 SPOT STABILIZATION).e		
LOADTRACKIN	INFORMAT	ION		7:17 10 60480	31 14 15 6ROSS
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ORDER NO. 1401533075 TRUCK NO. CONTAINER NO. (s).	DRUM NO.	1091			
CONTAINER TYPE:	39	COUNT (RAIL ONLY):		ct/2014	10:20:07
ED G T FB V OTHER	1	2 3 4	GROS	6 lbs.	60480
OPERATOR SIGNATURE	COU	NT DATE	TARE	lbs.	40140
			HET	lhe.	20340
LOAD WASHOUT INFO	PMATION	WASHOUT S		1931	9224 Kg
WASHOUT: TYPE: YES NO INTERIOR WASHOUT SIGNATURE DRIVER SIGNATURE	DATE DATE DATE	THE	W2.744 2614		
ITEM	COMMEN	ITS		NAME	DATE
Weight	- Disce	examply.			
Resolved					

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Date Received:

10/3/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011193

Manifest #:

007020546FLE

Original Date Removed Unit CH ID# From Service Type

Unit Serial # / Type Customer ID

Material Description

Disposal Date Method of Disposal **Disposal Facility**

40932851

8/18/2014

CM 40932851 /

PCB Solids For Landfill

10/3/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Authorized Agent

Monday, October 06, 2014



LOAD DISPOSAL DESTINATION	13:23 10 03 14	
STABILIZATION RCRA CELL TSCA CELLE STABILIZATION	58260 15 GROS 0 15 TARE 58260 15 NET	3
LOAD TRACKING INFORMATION		
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED 1013	03/0ct/2014 15:46	:14
DATE LOAD NO.	GROSS 1bs. 58260	
10.3-14 20140181193	TARE 1bs. 39300	
GENERATOR HAULER	1HWC 1D2: 93900	
DOW CH	NET 1bs. 18960	
ORDER NO. DRUM NO.		
1401533075 40932851	/	
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.		
1480 231457		
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):		
ED G TT FB V OTHER 1 2 3 4		
OPERATOR SIGNATURE COUNT DATE	y 10 m	
LOAD WASHOUT INFORMATION WASHOUT ST	TAMP	
YES NO INTERIOR EXTERIOR WASHOUT SIGNATURE DATE		
10-3-14		
DRIVER SIGNATURE DATE		
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ITEM COMMENTS	NAME DAT	E
weight discrepancy Sent email		
The state of the s	COU KO	
	83	
	(24)	

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/3/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011161

Manifest #:

007020544FLE

Original Date Removed Unit CH ID#

From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40925721

8/18/2014

CM 40925721 /

PCB Solids For Landfill

10/3/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Shane B. Whitney **Authorized Agent**

Monday, October 06, 2014



LOAD DISDOCAL DESTINATION		
LOAD DISPOSAL DESTINATION	9:31 10 0	ez (di
SPOT	59480]	b GROSS
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	0 1 59480 1	
LOAD TRACKING INFORMATION		
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED		
10.3.111 2014011161		
GENERATOR HAULER	07 (D=1 (D01 4	111/01/70
14171533 DAW CH	03/0ct/2014	11:42:38
ORDER NO. DRUM NO.	GROSS 1bs.	59840
1401833075 40925721	TARE 1bs.	42140
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	HET 1bs.	177004
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):		1 1 -
		4
ED G TT FB V OTHER 1 2 3 4 OPERATOR SIGNATURE COUNT DATE		\$
OPERATOR SIGNATURE COUNT DATE		
LOAD WASHOUT INFORMATION WASHOUT ST	TAMP	4
VES NO INTERIOR EXTERIOR WASHOUT SIGNATURE DATE		
10.3-141		
DRIVER SIGNATURE DATE	1	
ITEM COMMENTS	NAME	DATE
TIEM TOWNENTS	NAME	DATE
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Forcil Cout 113		
FIME ON (U)		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010

Date Received:

10/3/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011152

Manifest #:

007020543FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40924167

8/18/2014

CM 40914167 /

PCB Solids For Landfill

10/3/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Authorized Agent

Monday, October 06, 2014

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) SC PPW 8/10/2014 Form Approved. OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number (800) 483-3718 WASTE MANIFEST CQD030446637 5. Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) **Dow Chemical Company** 3555 Moline Street SAME Aurora, CO 80010 Generator's Phone: (970) 256-8889 6. Transporter 1 Company Name U.S. EPA ID Number 5411 SIDES 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls UTD991301748 Grantsviile. UT 84029 Facility's Phone: (435) 884-8900 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 12. Unit 13. Waste Codes HM and Packing Group (if any)) Quantity Wt_Vol. No Type 237 RO. UN3432. POLYCHLORINATED BIPHERYLS. SOLID MIXTURE, 9, PG III X 14. Special Handling Instructions and Additional Information ERG#171 1.CH807319B 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are class marked and tabeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Day Generator's/Offeror's Printed/Typed Name 16. International Shipments Export from U.S. Port of entry/exit: Import to U.S. Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed_Name MICHAEL 10 Signature Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Partial Rejection Residue Full Rejection Ocuantity 18b. Alternate Facility (or Generator)

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

18c. Signature of Alternate Facility (or Generator)

Facility's Phone:

¹ H132

Printed/Tybed Name

Month

Day

Signature

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a



LOAD DISPOSA	AL DESTINATION			of
STABILIZATION RCRA CELL	TSCA CELL BG SPOT STABILIZATION			3
LOADTRACKIN	G INFORMATION		9:04 10 0	
PLANT RECEIVED DROPPED FINAL CODE REVI	EWED WEIGHTS GRIDS MANIFEST MAILED			lb GROSS lb TARE lb NET
10/3/14	2014011152	93/0ct/	2014	11:31:24
GENERATOR	HAULER	GROSS 1	bs	60160
ORDER NO.	DRUM NO.	TARE 15	is.	39880
14DF22076	40924167	NET 1bs	31	20280
TRUCK NO. CONTAINER NO. (s)/ F	RAILCAR NO.			
1594 251	205			
CONTAINER TYPE:	LOAD COUNT (RAIL ONLY):	J	- 1	1
ED G IT FB V OTHER	1 2 3 4		41	
OPERATOR SIGNATURE	COUNT DATE		1	
LOAD WASHOUT INFOR	MATION WASHOUT	STAMP	52 / 22	
WASHOUT: TYPE: YES NO INTERIOR	EXTERIOR MALLETS		To the second	\ .
WASHOUT SIGNATURE	DATE WHEE'	11	100	
117.	C 3 14 OCT 3 2	1014		
DRIVER SIGNATURE	JOT 2014 GRASSY MOUNTAI	IN 6		
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	1 1			
				-

WHITE - Facility CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC PO Box 22750 Salt Lake City UT, 84122 UTD991301748 (435) 884-8900

CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Date Received:

10/29/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012265

Manifest #:

007020547FLE

Original Date Removed Unit CH ID # From Service Type

it Serial # / be Customer ID

Material Description

Disposal Date Method of Disposal **Disposal Facility**

41402538

B/18/2014

CM 41402538 /

PCB Solids For Landfill

10/29/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney
Authorized Agent

Thursday, October 30, 2014

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) SC PPW 8/10/2014 Form Approved. OMB No. 2050-0039 UNIFORM HAZARDOUS 15 Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number COD030446637 (800) 483-3718 WASTE MANIFEST 5. Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) **Dow Chemical Company** 3555 Moline Street SAME Autora, CO 80010 Generator's Phone: (1970) 256-8889 6. Transporter 1 Company Name, U.S. EPA ID Number OTS ENV SUCS U.S. EPA ID Numbe 7. Fransporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Grassy Mountain LLC UTD991301748 3 Miles East 7 Miles North of Knolls Grantsville. UT 84029 (435) 884-8900 Facility's Phone: 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 12. Unit 9a. 13. Waste Codes and Packing Group (if any)) Quantity Wt./Vol. No HM Type 25 RO. UN3432. POLYCHLÖRINATED BIPHENYLS. SOLID 1,34 MIXTURE, 9, PG III X 14. Special Handling Instructions and Additional Information 1.CH807319B ERG#171 18-2014 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and tabeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name behalt doc B 16. International Shipments Export from U.S. Import to U.S. Port of entry/exit: Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1-Printed/Typed Name 2 ENVEST. Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Type Residue Full Rejection Quantity Partial Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

1. H132

Printed/Typed Name

Signature

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a



		de /		7:43 10 2	29 14
LOAD DISPOSA	L DESTINATION	ON /		70620 1	
STABILIZATION RCRA CELL	TSCA CELL BL	SPOT		0 1 70620 1	
LOADTRACKIN					
PLANT RECEIVED DROPPED FINAL CODE REVI		GRIDS MANIFEST MAILED	cn.		
RECEIVED ZC.	(JP)	MAILED	29/0ct/2		09:31:43
DATE	D NO.		GROSS 1b	S.	70620
10/29/14	201401	2265	TARE 1bs	4	45280
GENERATOR	HAULER	11	NET lbs.		25340
DOW	DRUM NO.	H			
ORDER NO. 1401533075		2538			
TRUCK NO. CONTAINER NO. (s)/		7000			
	T 26308	ŝ			
CONTAINER TYPE:	LOAD	COUNT (RAIL ONLY):			
ED G TT FB V OTHER	- 1	2 3 4			
OPERATOR SIGNATURE	COUN	T DATE			
LOAD WASHOUT INFOR	MATION	WASHOUT S	TAMP		
WASHOUT: TYPE:		7			
YES NO INTERIOR	EXTERIOR	WHEEL	WASH		185 4 45
WASHOUT SIGNATURE	DATE				
7/4	10-01	OCT 27	201		
DRIVER SIGNATURE	DATE			and what	1 34
	Ditt	GRASSY MOUNTA	IN FACILITY		
ITEM		GRASSY MOUNTA	IN FACILITY		DATE
ITEM 1994	COMMEN	GRASSY MOUNTA	IN FACILITY	VAME	DATE
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ITEM	COMMEN	GRASSY MOUNTA	IN FACILITY		DATE
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ITEM	COMMEN	GRASSY MOUNTA	IN FACILITY		DATE
ITEM	COMMEN	GRASSY MOUNTA	IN FACILITY		DATE

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC PO Box 22750 Salt Lake City UT, 84122 UTD991301748 (435) 884-8900

CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Date Received:

9/11/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010275

Manifest #:

007020548FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40491593

8/18/2014

CM

40491593/

PCB Solids For Landfill

9/11/2014

Landfill

Grassy Mountain, UT

Facility

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> Shane B. Whitney **Authorized Agent**

Friday, September 12, 2014

	designed for use on elite (12-pitch) typewriter.)	The second		-	14.12.13		proved. OME	No. 2050-00
UNIFORM HAZARDO WASTE MANIFES	OUS GOOD 3 0 4 4 6 6 3 7	2. Page 1 of 3. E	mergency Respon 300) 483-	se Phone 3718	4. Manifest	7020	548	FLE
5. Generator's Name and Down Cherrica	d Mailing Address	Gene	erator's Site Addres	ss (if different th	nan mailing addre			-
3555 Moline	Street	S	AME					
Aurora, CO 8	0010							
Generator's Priorie.	70) 256-9889				U.S. EPAID	Number		
6. Transporter 1 Compar						0393	777	50
7. Transporter 2 Compar	ARMINS SALV SUC	1.5	- Tele 1	-	U.S. EPAID		free dies der	
8. Designated Facility Na					U.S. EPA ID	Number	- 1000	
	rs Grassy Mountain LLC 7 Miles North of Knolls				UTD	9913	1748	
Grantsville. U								
Facility's Phone:	(435) 884-8900							
9a. 9b. U.S. DOT Do and Packing Gro	escription (including Proper Shipping Name, Hazard Class, ID Noun (if any).	umber,	No.	ainers Type	11, Total Quantity	12, Unit WL/Vol.	13. Waste	Codes
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Water Comments			10					
14. Special Handling Inst	tructions and Additional Information	*** V	Till to the	11/3	05	500	personal control	inches in the con-
marked and labeled Exporter, I certify the	FFEROR'S CERTIFICATION: I hereby declare that the content liplacarded, and are in all respects in proper condition for transp at the contents of this consignment conform to the terms of the ste minimization statement identified in 40 CFR 262.27(a) (if I are	ort according to applicable i attached EPA Acknowledgm	nternational and na ent of Consent.	ational governm	ental regulations			
Generator's/Offeror's Prin			ME VO PE			.118-X	Month	Day Yea
BOB (over	-1-	3,0,-		re n	, I I E 03	191	10 114
16. International Shipmer		Export from U.S.	Port of e	entry/exit:				
Transporter signature (fo	or exports only):	11 12 12 12 12 12 12 12 12 12 12 12 12 1		ving U.S.:				
	dgment of Receipt of Materials	Standard	1	. A	- W M		Uc-e	B V
Transporter 1 Printed/Typ	1	Signature	16.1	10		1.50	Month	Day Yes
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			1 1	1			1 1	1
18. Discrepancy	X - 01 0 1	20 E (A)		-		10,080		
18a. Discrepancy Indicati	on Space Quantity	MALANE	Residue	HC. I	Partial Re	nation		1 Rejection
OK to u	LAL GM WEIGHTS OF	20000 lbs	(9101	(Ka)	Der S	amh	1000	respectation
(11) 97	11/14	/	Manifest Reference	e Number:		od (C)	LUCIA	7
18th Alternate Facility (or	Generator)				U.S. EPAID I	lumber	11,	
				199	1			
Facility's Phone: 18c. Signature of Alternat	e Facility (or Generator)		-7				Month	Day Ye
organization of recollect	a comit for sourcement						1 1	Ju, 16
19. Hazardous Waste Rea	port Management Method Codes (i.e., codes for hazardous was	ate treatment, disposal, and	ecyclina systems)					
1.	2.	3.	- Juming of anning)		4.		CAL PHOTO	
H132							,201	40102
	wner or Operator: Certification of receipt of hazardous materials	covered by the manifest ex	cept as noted in Ite	em 18a	0	0141	004	0
Printed/Typed Name	00 10700	Signature	11	()	0		Month	Day Yea
+110	ME. I ECELLU) (I III A	OX	0700	1111	199	11 19
	-05) Previous editions are obsolete.		The second second second		DEC	ONIATED EA	CILITY TO	

ENVIRONMENTAL SERVICES®

GM

LOAD DISPOSAL DESTIN	NATION			
STABILIZATION RCRA CELL TSCA CEL	SPOT	ON	7:09 09 62040 0 62040	15 GROSS 15 TARE
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGH			ž	
DATE LOAD NO.	11/1775	(C) 11	/Sep/2014	09:33:38
GENERATOR HAULER	210212	GR	OSS Ibs.	62040
DOW	CH	TAI	RE lbs.	41980
ORDER NO. DRUM NO.	10 -07	涯	T lbs.	20060
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	191593			
1599 CHRT 26	305 LOAD COUNT (RAIL ONLY)	:		
ED G TT FB V OTHER	1 2 3 4			
OPERATOR SIGNATURE	COUNT DATE			
LOAD WASHOUT INFORMATION	WASHOL	JT STAMP		
WASHOUT: TYPE:				
WASHOUT SIGNATURE DATE DRIVER SIGNATURE DATE (1.3.4.26)	TIDIN FACILITY	WHEEL SEP 1		
I/TEM COM	MENTS		NAME	DATE
Weight obscrep	Dancy - =	Kesoli	<u> </u>	, 109
				0/0/
	: 4			
		. <u> </u>		
		·		
Clean Harbors Grassy Mountain Facility Tooele C	County 1 Itah			



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

9/3/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14009961

Manifest #:

007020551FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40342564

8/18/2014

40342564/

PCB Solids For Landfill

9/3/2014

Landfill

Grassy Mountain, UT Facility

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Shave B. Whitney

Thursday, September 04, 2014

Ple	ase p	print or type. (Form desig	gned for use on elite (12-pitch) ty	pewriter.) A7 14015	33087-0	01.	SC PPW	8/10/	2014	Form A	poroved. OME	No. 2050-0039	
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		WASTE MANIFEST	COD0304466	37	1) 483-3		00		551	FLE	
	5. Generator's Name and Mailing Address Dow Chemical Company 3555 Moline Street Aurora, CO 80010												
П	Generator's Phone: (970) 256-8889 8. Transporter 1 Company Name U.S. EPA ID Numb									Number	113	NH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	CLEAN HARBORS ENVIRONMENTAL SERVICES 7. Transporter 2 Company Name								MAD039322250 U.S. EPA ID Number				
П	8.0	lesignated Facility Name on	ul Site Address					- 1	II C COA ID	Al and an		ALES	
	8. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900								U.S. EPAID Number U.T.D.9.9.1.3.0.1.7.4.8				
	9a. HM	9b. U.S. DOT Descripti	on (including Proper Shipping Name,	Hazard Class, IO Number,			10. Contai	ners Type	11, Total Quantity	12. Unit Wt./Vol.	13. Waste	Codes	
70R –	x	1. RO. UN3432 MIXTURE, 9,	POLYCHLORINATED E	SIPHENYLS. SOI	LID	14	26508	= 1/11/2		V -			
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		- 10 M						3.					
		marked and labeled/placar Exporter, I certify that the of I certify that the waste mini	R'S CERTIFICATION: I hereby decla ded, and are in all respects in proper contents of this consignment conform imization statement identified in 40 CF	condition for transport act to the terms of the attache	cording to applicated EPA Acknowle	able interna edgment of rator) or (b)	ional and nati Consent. (if I am a sma	onal governm II quantity ger	ental regulations nerator) is true.	nipping name, ar s. If export shipm	d are classified, ent and I am the	packaged, Primary	
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Ė	18b.	Alternate Facility (or General	ator)			Manif	est Reference	Number:	U.S. EPA ID I				
FACIL	Facili	ity's Phone:		19.									
DESIGNATED FACILITY		Signature of Alternate Facili	ty (or Generator)				11.0				Month	Day Year	
	19. H	lazardous Waste Report Ma	nagement Method Codes (i.e., codes	for hazardous waste trea	tment, disposal,	and recyclin	g systems)		*				
		H132	2.		3.				4.	1 18	Seat.	A	
	20. D	esignated Facility Owner or	Operator: Certification of receipt of h	azardous materiais cover	ed by the manife:	st except as	noted in Item	18a	8	0140	0991	0	
$\ $		ed/Typed Name	10700	1111)		ature (11	1	de.		Month	Day Year	
PA	Form	18700-22 (Rev. 3-05) P	revious editions are obsolete.	444/			11/1	<i>y</i>	DES	IGNATED EA	CILITY TO	GENERATOR	



LOAD DISPOSAL DESTINATION	48	
SPOT	03/Sep/2014	13:01:13
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	GROSS 1bs.	53180
LOAD TRACKING INFORMATION	TARE 1bs.	00
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED A 7	NET 1bs.	53180
DATE LOAD NO. 20 400 9961		
GENERATORI HAULER	77.0	45.00.70
DOW CH	03/Sep/2014	15:09:32
ORDER NO. DRUM NO.	GROSS 1bs.	53180
1401533087 40342564 TRUCK NO. CONTAINER NO. (S) RAILCAR NO.	TARE 1bs.	48520
1556 CHRT 26308	NET 1bs.	4660
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	1	
ED G TT FB V OTHER 1 2 3 4		
OPERATOR SIGNATURE COUNT DATE		
LOAD WASHOUT INFORMATION WASHOUT	STAMP	
WASHOUT: TYPE:		
WASHOUT SIGNATURE DATE		
9-3-14		
DRIVER SIGNATURE DATE	20	
ITEM COMMENTS	NAME	DATE
Not scheduled, No OSD	, Not	
manifested en Kg.		2115
		(0)
Clean Harbors Grassy Mountain Facility Tooele County Utah		



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010

Date Received:

Sales Order#:

9/3/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14009960

Manifest #:

007020552FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40342565

8/18/2014

40342565 /

PCB Solids For Landfill

9/3/2014

Landfilt

Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Shane B. Whitney Authorized Agent

Thursday, September 04, 2014



STABILIZATION RCRA CELL LOAD TRACKII PLANT RECEIVED DROPPED FINAL CODE RE	TSCA CELLE	SPOT STABILIZATION		11:27 09 57500 0 57500	1b GROSS 1b TARE
20.	AD NO.	MAILED	CD		
9/3/14	201400	9960		Sep/2014	13:01:00
GENERATOR DO W		LH		SS lbs. E lbs.	57500 53200
1401533087	1	12565	NET	lbs.	4300
TRÚCK NO. CONTAINER NÓ. (s)	25461	(B)			
ED G TT FB V OTHER	1	COUNT (HALL ONLY):			
OPERATOR SIGNATURE	COUI	NT DATE			
LOAD WASHOUT INFO	RMATION	WASHOUT S	TAMP		
WASHOUT: TYPE: YES NO INTERIOR	EXTERIOR				
WASHOUT SIGNATURE	DATE 9-3.14				
DRIVER SIGNATURE	DATE		4.5		
ITEM	COMMEN	TS		NAME	DATE
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an lag					

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



Clean Harbors Grassy Mountain LLC PO Box 22750 Salt Lake City UT, 84122 UTD991301748 (435) 884-8900

CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

9/4/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010022

Manifest #:

007020553FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

Grassy Mountain, UT

40367462 8/18/2014 CM

40367462/

PCB Solids For Landfill

9/4/2014

Landfill

Facility

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> Shane B. Whitney Authorized Agent

Monday, September 08, 2014

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) SC PPW 8/10/2014 Form Approved, OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number 1. (800) 483-3718 COD030446637 WASTE MANIFEST Generator's Site Address (if different than mailing addres 5. Generator's Name and Mailing Address **Dow Chemical Company** 3555 Moline Street SAME Aurora, CO 80010 Generator's Phone: (970) 256-9889 U.S. EPA JD Number 6. Transporter J.Company Name 7. Transporter 2 Company Name 6. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Grassy Mountain LLC UTD991301748 3 Miles East 7 Miles North of Knolls Grantsville. UT 84029 (435) 884-8900 Facility's Phone: 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) Quantity Wt.Vol. No. HM Type RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID GENERATOR MIXTURE, 9, PG III X 14. Special Handling Instructions and Additional Information Contamer # 26305 ERG#171 1.CH807325B 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Month Day Year Behalt of 16. International Shipments Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials 1 4 Transporter 1 Printed/Typed Name Day MICHAEL P. MATEJKA Transporter 2 Printed/Typed Name E 18. Discrepancy 18a. Discrepancy Indication Space use Gm weights of 41401hs (1881Kg) per Full Rejection aix 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator)

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

1 H132

Printed/Typed Name

Month

Day

Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a



LOAD DISPOSAL DESTINA	ATION	Ng .	
LOAD DIST COAL BLOTHER		04/Sep/2014	09:01:58
	SPOT SPOT	GROSS 1bs.	52700
STABILIZATION RCRA CELL TSCA CELL			2.0
LOAD TRACKING INFORM		TARE lbs.	00
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHT	S GRIDS MANIFEST MAILED	CD NET 1bs.	52700
DATE LOAD NO.			
GENERATOR HAULER	00022		
5011)	CH	04/Ser/2014	11:06:57
ORDER NO. DRUM NO.		GROSS 1bs.	52700
14015 33087 403 TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	67462	TARE 1bs.	48560
1599 CHRT26	305 (F)	NET 1bs.	4140
	OAD COUNT (RAIL QNLY):		
LD(a) 11 15 1 51121	1 2 3 4		
OPERATOR SIGNATURE	COUNT DATE		
		7440	
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WASHOUT SIGNATURE DATE	WHEEL	WASH	
9-4.14	SEP 0 4	2014	
DRIVER/SIGNATURE / DATE	JLI 0 2	2017	
4 1 4 y 1 5 1 301-	GRASSY MOUNTA	IN FACILITY	
1/1///	MENTS	NAME	DATE
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not scheduled			166
			100
			101
			1
Clean Harbors Grassy Mountain Facility, Tooele Co	ounty, Utah		



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Generator Contact Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

9/3/2014

Aurora, CO, 80010

Generator EPA ID:

COD030446637

Load #:

14009957

Manifest #:

007020554FLE

Original Date Removed Unit CH ID#

From Service Type

Serial # / Material **Customer ID** Description Disposal Date

Method of Disposal

Disposal Facility

40341533

8/18/2014

CM

40341533/

PCB Solids For Landfill

9/3/2014

Landfill

Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Shane B. Whitney Authorized Agent

Thursday, September 04, 2014

9C PPW 8/10/2014

F/1

14. Special Handling Instructions and Additional Information 1. CH8 0 7325B ERG#171 Confound ## 2 6368 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placearded, and are in all respects in proper condition for inseport according to applicable international governmental regulations. If export shipment and I am the Primary Exporter. Certify that the ownerins of this consignment conform in the terms of the attached EPA Action/degreen of Consent. I contriby that the waste maintriazion statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) is true. Sensenator's College's Privated Pyre Name Signature Transporter signature (for exports only): Transporter appropriate placearies only: Transporter 1 Printed/Typed Name Signature Signature Month Day Year Mon	Special Political Services and Political Address (If different than making address) Special Special Political Spring (1970) 256-9899 Special Spring (1970) 256-9899 Spring (1970) 256-999 Spring (197	Ш		n designed for use o	tomo (in phony typo minon)						pproved, OMB N	
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S. Find principles (Company Name) U.S. EPAD Disturber U.S. EPAD Distur	B. Designated Foodly Name and Sea Address I. Transported 2 Company Name U.S. EPA ID Namber U.S. EPA ID		3555 Moline	Street 0040				ss (if different th	an mailing addre	ss)		
To Clean Harribor's Grassy Mountain LC 3 Miles East 7 Miles Hes Horsto of Knolls Grassy Phone (1, 35) SB4-SB00 3 90 U.S. EPA D Number UT D 9 9 1 3 0 1 7 4 8 UT D 9 9 1 3 0 1 7 4 8 Grassy Phone (1, 35) SB4-SB00 3 90 U.S. DOT Description (reckded) Phope Stipping Name. Hazard Class, ID Number, (1) Description (reckded) Phone Stipping Name. Hazard Class, ID Number, (1) Description (reckded) Phone Stipping Name. Hazard Class, ID Number, (1) Description (reckded) Phone Stipping Name. Hazard Class, ID Number, (1) Description (reckded) Phone Stipping Name. Hazard Class, ID Number, (1) Description (reckded) Phone Stipping Name. Hazard Class, ID Number, (1) Description (reckded) Phone Stipping Name. Hazard Class, ID Number, (1) Description (reckded) Phone Stipping Name. Hazard Class, ID Number, (1) Committee of Phone Stipping Name. Hazard Class, ID Number, (1) Committee of Phone Stipping Name. And Additional Information (1) Committee of Phone Stipping Name. And Additional Information (1) Committee of Phone Stipping Name. And Additional Information (1) Committee of Phone Stipping Name. And Additional Information (1) Committee of Phone Stipping Name. And Additional Information (1) Committee of Phone Stipping Name. And Additional Information (1) Committee of Phone Stipping Name. And Additional Information (1) Committee of Phone Stipping Name. And Additional Information (1) Committee of Phone Phone Phone Stipping Name. And Additional Information (1) Committee of Phone Phone Phone Phone Stipping Name. And Additional Information Information Information Information Information Information (1) Committee of Phone	T. Transporter Z Collegiusy Name and Sta Address U.S. EPAID Number U.S. Epaid Nu		6. Transporter 1 Compa	ny Name		mental Son	ی جسراری				32215	0
Celean Hardwors Girasty Miles (ass. 27 Miles (ass.	Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles Morth of Knolls Grantsville UT 84029 Seathy Phone: (435) 884-8900 Seathy Phon		7. Transporter 2 Compa	ny Name			6		U.S. EPA ID	Number		
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1. Special Harding Induscions and Addisonal Information 1. CHB 0 732.5 B ERG#17.1 Conformation ### 26.368 15. GENERATOR SOFFEROR'S CERTIFICATION: Investly declare that the contents of this consignment are fully and accountily described above by the proper shipping same, and are classified, packaged, mander and labeled placeated, and are in all respects in proper condition for transport according to applicable international and national governmental registric integral approximation and property applications and accountily described above by the proper shipping same, and are classified, packaged, mander and labeled placeated, and are in all respects of this consignment conform to the terms of the attached EPA Advanced-openent of Consent. I contrib that the vester minimization statement like risified in 40 CFR 282.27(a) (if I am a large quantity generated of Consent. I contribute the vester minimization statement like risified in 40 CFR 282.27(a) (if I am a large quantity generated of Consent. I contribute the vester minimization statement like risified in 40 CFR 282.27(a) (if I am a large quantity generated of Consent. I contribute the vester minimization statement like risified in 40 CFR 282.27(a) (if I am a large quantity generated of the property of the risified of the attached to the property of the attached of th	4. 14. Special Handling Instructions and Additional Information 1. CHB 0.732.5B ERG\$1.71. Conformat ## 36.368 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placanded, and are in all respects in proper condition for transport according to applicable International and national generations. I export shipment and I am the Primary Exporter. Lendiffy that the contents of this conte	-RATOR -	x MIXTUR		LORINATED BIPHE	NYLS SOLID	1	cm	15	У		
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LOAD DISPOSAL DESTINATION		
SPOT	03/Sep/2014	12:45:59
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	GROSS lbs.	54740
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED	TARE 1bs.	90
RECEIVED ZC.	CD NET 165.	54740
DATE LOAD NO.		42
9/3/14 2014009957 GENERATOR THAULER		
DOW) CH		19
ORDER NO. DRUM NO.	03/Sep/2014	13:54:59
1401533087 40341533	GROSS 1bs.	54740
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.		
1263 CHRT 26368 (Y)	TARE 1bs.	49240
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	NET 1bs.	5500
ED G TT FB V OTHER 1 2 3 4 OPERATOR SIGNATURE COUNT DATE	_	
LOAD WASHOUT INFORMATION WASHOUT S	TAMP	
WASHOUT: TYPE:		
YES NO INTERIOR EXTERIOR		
WASHOUT SIGNATURE DATE		
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DRIVER SIGNATURE DATE		
ITEM COMMENTS	NAME	DATE
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Not Scheduled		124
*1		130
		10
Clean Harbors Grassy Mountain Facility, Tooele County, Utah		



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

1401533087

Date Received: 9/3/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

Sales Order#:

14009956

Manifest #:

007020555FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40341534

8/18/2014

CM

40341534/

PCB Solids For Landfill

9/3/2014

Landfill

Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Share B. Whitney Authorized Agent

Thursday, September 04, 2014

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3555 Moline				SAME					
Aurora, CO 80									
Generator's Phone:	701 256-8899				The Table				1150
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7. Transporter 2 Compan	y Name					U.S. EPA ID	Number		
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	Miles North of I					UTD	9913	01748	3
Grantsville, U						111111111111111111111111111111111111111	2		
Facility's Phone:	(435) 884-89	900		- Am		A KILLYAL	2012	N-	(a = 0.1
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PLANT RECEIVED DROPPED FINAL CODE REV	IEWED WEIGHTS GRIDS MANIFEST MAILED	CD	
DATE	AD NO.	03/Sep/2014	12:46:15
9/3/14 GENERATOR	2014009956	GROSS 1bs.	61580
DOW	CH	TARE 1bs.	54700 -
ORDER NO. 140 533087	40341534	NET lbs.	6880
TRUCK NO. CONTAINER NO. (s)/			
1263 CHRT	25205 (B)		
ED G TT FB V OTHER	1 2 3 4		
OPERATOR SIGNATURE	COUNT DATE		
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WASHOUT: TYPE:			
NO INTERIOR	EXTERIOR		
WASHOUT SIGNATURE	DATE		
DRIVER SIGNATURE	93.14	23	
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ITEM ·	COMMENTS	NAME	DATE
Not m	anifested in t	sa, no osp	
Not 50	redulled.	JI	

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

9/4/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010057

Manifest #:

007020556FLE

Original Date Removed Unit CH ID#

From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of **Disposal**

Disposal Facility

40372241

8/16/2014

CM

40372241/

PCB Solids For Landfill

9/4/2014

Landfill

Grassy Mountain, UT

Facility

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Ahane B. Whitney.

Authorized Agent

Monday, September 08, 2014



LOAD DISPOSAL DESTINATION 10:34 09 04 14 49300 1b GROSS STABILIZATION RCRA CELL TSCA CELL SC STABILIZATION LOAD TRACKING INFORMATION PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED C D	è s
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PLANT DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED	
DATE LOAD NO.	
9 4 14 2014010057 GENERATOR HAULER	
DOW	
ORDER NO. DRUM NO.	
1401533087 40372241 04/Sep/2014 12:29:	52
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO. GROSS 1bs. 49300	25%
1479 CHRT 24402 TARE 165. 44200	
CONTAINER TYPE: LOAD COUNT (RAIL ONLY): NET 1bs. 5100	
ED/G TT FB V OTHER 1 2 3 4	
OPERATOR SIGNATURE COUNT DATE	
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LOAD WASHOUT INFORMATION WASHOUT STAMP	
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WASHOUT: TYPE:	
AND MOUNTAIN FACILITY BOLLETAIN ON SEATH	
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

9/4/2014

Generator Contact Name:

Load #:

14010023

Generator EPA ID:

COD030446637

Manifest #:

007020557FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal **Date**

Method of Disposal

Disposal Facility

40367457

8/18/2014

CM

40367457 /

PCB Solids For Landfill

9/4/2014

Landfill

Grassy Mountain, UT

Facility

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Share B. Whitney

Monday, September 08, 2014

ase o	rint or type. (Form desi	igned for use on elite (12-pitch) typewrite	A7 1401533087-0	OL SC PP	W 8/10/2	01.4	Form A	pproved. OMB I	vo. 2050-003
UN	IFORM HAZARDOUS WASTE MANIFEST		2. Page 1 of	3. Emergency Responsible (800) 483-	3718		7020		FLE
3	ienerator's Name and Mai Jow Chemical C 1555 Moline Str Aurora, CO 8005 Jerator's Phone: (970)	ompany eet LO		Generator's Site Addres	ess (if different tha	an mailing addn	255)		
6. Ti	ransporter 1 Company Na	the Herber				U.S. EPA ID U.S. EPA ID	1) 037	13222	10
8. D	esignated Facility Name a	ind Site Address				U.S. EPA ID	Number		
3	l Miles East 7 M Frantsville, UT 8	rassy Mountain LLC iles North of Knolls 4029 (435) 884-8900	P	=1/21		0 T U	9913	01748	
9a. HM	100 11 00 00	tion (including Proper Shipping Name, Hazard (any))	Class, ID Number,	10. Con No.	tainers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste C	odes
×	1. RO. UN3432 MIXTURE, 9,	POLYCHLORINATED BIPH PG III	ENYLS SOLID		CM	15	Y		
	2.						-		
	3.					21			
	4.								
15.	marked and labeled/place Exporter, I certify that the	OR'S CERTIFICATION: I hereby declare that arded, and are in all respects in proper condition contents of this consignment conform to the tention inimization statement identified in 40 CFR 262.	on for transport according to appli erms of the attached EPA Acknow 27(a) (if I am a large quantity gen	are fully and accurately cable international and refedement of Consent.	described above national governme mall quantity gen	by the proper st ental regulations erator) is true.	hipping name, ar	ent and I am the F	
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11.00	nsporter signature (for exp Fransporter Acknowledgme	orts only): nt of Receipt of Materials		Date les	aving U.S.:			V-ah (
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Facil	Alternate Facility (or Generally s Phone:	erator)				U.S. EPAID	Number		
18c.	Signature of Alternate Fac	zity (or Generator) Aanagement Method Codes (i.e., codes for haz	ardous waste treatment, disposa	I, and recycling systems				Month	Day Yea
	H132	2.	3.			4.		1,.1	
_	Designated Facility Owner and/Typed Name	or Operator: Certification of receipt of hazardo		fest except as noted in the	lem 18a	Don	7019	Month &	120 Day Year 4 14
Form	n 8700-22 (Rev. 3-05)	Previous editions are obsolete.		A TOWN	1	DES	GNATED E	ACILITY TO G	ENERAT



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9 4 14 20140 GENERATOR HAULER	10023		
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	-10-7	GROSS 1bs.	55920
1401533087 403(TRUCK NO. CONTAINER NO. (S)/ RAILCAR NO.	e 1451	TARE 1bs.	52700
1599 CHRT 269	910	HET 1bs.	3220
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OPERATOR SIGNATURE CO	DUNT DATE	1	
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WASHOUT: TYPE:			
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WASHOUT SIGNATURE DATE	SEP 0 4	2614	
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DRIVER SIGNATURE DATE	GRASSY MOUNTA	AIN FACILITY	
Yell T. Yland 4 SEP ROLL			DATE
TEM COMM		NAME	DATE
not manifested	in Kg, No	0SD	
not scheduled			1400
			01



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

9/5/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010078

Manifest #:

007020558FLE

Original Date Removed Unit From Service Type CH ID#

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40399918

8/18/2014

CM 40399918/

PCB Solids For Landfill

9/5/2014

Landfill

Grassy Mountain, UT Facility

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> Shane B. Whitney Authorized Agent

Monday, September 08, 2014

Pie	ise pri	nt or type. (Form desig					100					AB No. 2050-0039
1	W	ASTE MANIFEST	1 Generator ID Numbe	446637	2. Page 1	of 3. Emerge					558	FLE
	3!	nerator's Name and Mailin DW Chemical Co 555 Moline Stro	eet			SAME	1000	(if different th	nan mailing addre	165)		
		urora, CO 8001 rator's Phone: (970)	.0 25 6 -8889				100					
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		signated Facility Name an lean Harbors Gr		illC					U.S. EPA ID		0474	G
		Miles East 7 Mi rantsville, UT 94		nolls						9919	0174	D
	Facili	ty's Phone:	(435) 884-890		(D. Number		10. Contair	- August		Laun		
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	(en i	marked and labeled/placar	rded, and are in all respe	ects in proper condition for the terms of th	transport according to a	oplicable interna	tional and natio					
		certify that the waste min	imization statement iden	ntified in 40 CFR 262.27(a)	(if I am a large quantity	generator) or (b) Signature	(if I am a sma	Il quantity ge		//	Month	Day Year
ļ	J	200	N.A.			Bol	1	77 26.4	all CT		19	14/14
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_	17. To	porter signature (for expo ansporter Acknowledgmen	t of Receipt of Materials				Date leavin	ng U.S.:				
ANSPORTER	Transp	porter 1 Printed/Typed Nau	Ce was	-14		Signature	> .				Month	Day Year
ANSF	Trans	porter 2 Printed/Typed Na		5000		Signature	Lave Di	7			Month	Day Year
F TR	40 D:											
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_	18b. A	Uternate Facility (or Gener	CAN BURGER CONTRACTOR	0 0		Manil	est Reference	Number:	U.S. EPA ID	Number		100 1000
ACILI		A.				4						
EO FA		y's Phone: lignature of Alternate Facil	lity (or Generator)	1-2							Month	Day Year
SNAT				1				with the				
DESIGNATED FACILITY	1.	No. of the last of	anagement Method Code 2.	es (l.e., codes for hazardou	s waste treatment, disp	osal, and recycli 3.	ng systems)		4.			- p. X.
-		1132					21.15		1	1		1
		signated Facility Owner of	r Operator; Certification	of receipt of hazardous ma		anifest except a Signature	s noted in Item	18a	2014	10010	Month	Day Year
1	t.	1) 80	th Mu	unelle	0 1	TH	Put	116	DIIN	MILL	01/	15 V4



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Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Generator Contact Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

9/5/2014

Aurora, CO, 80010

Generator EPA ID:

COD030446637

Load #:

14010077

Manifest #:

007020559FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

40399875/

Material Description Disposal Date

Method of Disposal

Disposal Facility

40399875

8/18/2014

CM

PCB Solids For Landfill

9/5/2014

Landfill

Grassy Mountain, UT

Facility

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> Share B. Whitney Authorized Agent

Monday, September 08, 2014

WASTE MANIFEST C O D 0 3 0 4 4 6 6 3 7 1. (800 5 5 Generator's Name and Mailing Address Generator Dow Chemical Company	0) 483-3 7's Site Address	3718 is (if different the	U.S. EPAID N U.S. EPAID N U.S. EPAID N	Number 0393	322	
Dow Chemical Company 3655 Moline Street Aurora, CO 80010 Generator's Phone: (970) 256-8889 6 Transporter 1 Company Name LEAL HARBOES ENVIEO, SERVICE 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville. UT 84029 Facility's Phone: (435) 884-8900 9a. HM 9b. US. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 1. RO. UN 3432. POLYCHLORINATED BIPHENYLS. SOLID	10. Cont		U.S. EPAID N U.S. EPAID N U.S. EPAID N	Number 9 3 9 3 Number		
6. Transporter 1 Company Name (LEAL HARBOES ENVIEO, SERVICE 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC 3. Miles East 7. Miles North of Knolls Grantsville. UT 84029 Facility's Phone: (435) 884-8900 9a. Harbors Group (if any)) 1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID	10. Cont	ainers	U.S. EPA ID N	0393 lumber		
Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900 9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID	Generator's Site Address (if different than mailing address) SAME. U.S. EPA ID Number U.S. EPA ID Numbe	174	3			
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	1	CM	15°	Y		
2.			8,163			
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4.						
 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully an marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable interm 	d accurately d ational and na	escribed above				
Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (I am a large quantity generator) and (I am a large quantity generator) or (I am a large quantity generator) and (I am a large quantity generator) or (I am a large) (if I am a sn				Month	Day
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B. Discrepancy Ba. Discrepancy Indication Space Quantity of Type Output Out		all li	Partial Reje	ection	□ F	ull Rejection
bb. Alternate Facility (or Generator)	INCOL INCOL	o walled:	U.S. EPAID N	umber		V I S
3c. Signature of Alternate Facility (or Generator)					Month	Day
Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycled H132	ling systems)		0 1	1/1/1	7/1-	7-7



LOAD DISPOSAL DESTINATION	REF	
STABILIZATION RCRA CELL TSCA CELL B6 STABILIZATION		
LOAD TRACKING INFORMATION	**	
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED LOAD NO.	0 16	14 GROSS TARE NET
9-514 2014010077	05/Ser/2014 1:	2:11:08
GENERATOR		4100
ORDER NO. DRUM NO.		
11101522089-101140399875		2660
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	NET 1bs. 1	440
402441 CHHP21137/CHHP20213	88	
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):		
ED G T FB V OTHER 1 2 3 4		
OPERATOR SIGNATURE COUNT DATE		
LOAD WASHOUT INFORMATION WASHOUT S	TAMP	
WASHOUT: TYPE:	1	
YES NO INTERIOR EXTERIOR		
WASHOUTSIGNATURE DATE		
DRIVE/A SIGNATURE DATE	5.	
BAIVE		
ITEM COMMENTS	NAME	DATE
Weight Discres	Ce63Ka	
	0	
Enail Sont - (48) Wa	,	····
		100



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

9/5/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010083

Manifest #:

007020560FLE

Original Date Removed Unit From Service Type CH ID#

Serial # / **Customer ID**

Material Description **Disposal** Date

Method of Disposal

Disposal Facility

40403089

8/18/2014

40403089 / CM

PCB Solids For Landfill

9/5/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Monday, September 08, 2014



LOAD DISPOSAL DESTINATION			
STABILIZATION RCRA CELL TSCA CELL SC STABILIZATION LOAD TRACKING INFORMATION PLANT DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST		11:56 09 0 59300 1 0 1	ь GROSS ь TARE
DATE LOAD NO. 3		59300 l 5/Sep/2014	b NET
ORDER NO. DRUM NO.	G 1	ROSS lbs.	59300
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO. CONTAINER TYPE: LOAD COUNT (RAIL ONLY):		ET lbs.	18240
ED (G')TT FB V OTHER 1 2 3 4 OPERATOR SIGNATURE COUNT DATE	TABAD	\neg	
WASHOUT INFORMATION WASHOUT: TYPE: YES NO INTERIOR EXTERIOR WASHOUT SIGNATURE DATE DRIVER SIGNATURE DATE	TAMP		
ITEM · COMMENTS	300	NAME	DATE
Deight Discrepancy Finail Sent- Risolvial.		8272KG	

WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC PO Box 22750 Salt Lake City UT, 84122 UTD991301748 (435) 884-8900

CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533087

Date Received:

9/10/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010221

Manifest #:

007020561FLE

Original Date Removed Unit CH ID#

From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40469993

8/18/2014

CM 40469993 /

PCB Solids For Landfill

9/10/2014

Landfill

Grassy Mountain, UT

Facility

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> Shane B. Whitney Authorized Agent

Thursday, September 11, 2014

	ase print or type, (i onli desi		lite (12-pitch) typewr	iter.)	033087-0	er ch	0111	8 B/1U/				3 No. 2050-0039
1	UNIFORM HAZARDOUS WASTE MANIFEST	CODOS	lumber 0 4 4 6 6 3	7	2. Page 1 of 1	3. Emergency (800) 4			4. Manifest	Tracking Nur 7020	561	FLE
	5. Generator's Name and Mail Dow Chemical C 3555 Moline Str Aurora, CO 8001 Generator's Phone: (970)	ompany eet 0 256-8889				Generator's Si SAME	ite Addres	s (if different ti	nan mailing addres			
	6. Transporter 1 Company Nat	nc	As .	H Marie Marie Ma Marie Marie Ma					U.S. EPAID	1984	8684	0世
	Transporter 2 Company Nati B. Designated Facility Name a								U.S. EPAID		T Y	Spenting
	Clean Harbors G 3 Miles East 7 M Grantsville, UT 84 Fecility's Phone:	rassy Mount iles North of	Knolls	1					U.S. EPAID		01748	
	i i	tion (including Prope	r Shipping Name, Hazar	d Class, ID Number,			10. Conta No.	iners	11. Total Quantity	12. Unit WL/Vol.	13. Waste	Codes
GENERATOR -	x NIXTURE, 9,		RINATED BIP	HENYLS, SOL	LID		1	CM	11,340	Ka -		
- GENE	2.			Y .								
	3.											
	4.											
	14. Special Handling Instruction 1 CH807325B	ns and Additional Int				III 8						
	051	D: 8-1	8-14		á			211	49			34
	 GENERATOR'S/OFFERO marked and labeled/placa Exporter, I certify that the I certify that the waste mir 	rded, and are in all o contents of this cons nimization statement	respects in proper condi signment conform to the	tion for transport acc terms of the attache	cording to applica ad EPA Acknowle ge quantity gener	able internation adgment of Con rator) or (b) (if I	al and na isent. I am a sm	tional governm all quantity ger	nental regulations.	pping name, a If export shipn	nent and I am the	Pilmary
Ų.	Generator's/Offeror's Printed/Ty Sarah				Sign	ature On	Sch	h Jo	4 		Month 9	Day Year 4 14
RINTL	16. International Shipments Transporter signature (for expo				Export from U		Port of ea					
TR ANSPORTER	17. Transporter Acknowledgmer Transporter 1 Printed/Typed Na		Tais .	9 - M 10	Signa	7	144	of the			Month 15	Day Year
TR ANS	Transporter 2 Printed/Typed Na				8ign	ature	li Sur				Month	Day Year
1	18a. Discrepancy Indication Sp. OK. To UA	ace Quan	tity	□ Type 0 1 1 6	62016	Res	idue 540	Kg) F	Partial Reje	ction	Lave	# Rejection
:ILITY —	18b. Alternate Facility (or Gener	rator)	00000,000	<u> </u>		Manifest	Reference	e Number:	U.S. EPA ID N			
DESIGNATED FACILITY	Facility's Phone: 18c. Signature of Alternate Facil	lity (or Generator)	100	71 11			3 11]		Month	Day Year
ESIGNA	19. Hazardous Waste Report M 1. H132	anagement Method	Codes (i.e., codes for h	zzardous waste treat	tment, disposal,	and recycling s	systems)		14.			
	20. Designated Facility Owner of	r Operator: Certifica	tion of receipt of hazard	ous materials covere		st except as no	ted in Iter	n 18a	- 1	014-0)/ ()-de	4
	Printed/Typed Name Form 8700-22 (Rev. 3-05) F	re	>07p	01 111	Signs		lin	A.	ex.	111)	Month 109 14	Day Year



LOAD DISPOSAL DESTINATION					
STABILIZATION RCRA CELL TSCA CELLISE STABILIZATION			5 09 10 58340 1b 0 1b 58340 1b	14 GROSS TARE NET	
LOAD TRACKING INFORMATION	1	•	J0340 ID	PICE S	
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED DATE LOAD NO.	CD				
01/10/11/ 2011/04/22/					
GENERATOR HAULER	-	10/Sep/2014		09:35:21	
DOW NO.		6ROSS lbs.		58340 [°]	
ORDER NO. DRUM NO.		TARE 16s.		41720	
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	-	WET 1bs.		16620	
52 CHHP21149					
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):					
ED G TT FB V OTHER 1 2 3 4					
OPERATOR SIGNATURE COUNT DATE					
LOAD WASHOUT INFORMATION WASHOUTS	STAMP	2			
WASHOUT: TYPE:					
YES NO INTERIOR EXTERIOR DATE					
		-			
DRIVER SIGNATURE DATE	53				
January Grand Harris					
ITEM COMMENTS	1 + in	NAM	/IE	DATE	
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			vii .	<u>.</u>	-

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

Generator Address:

3555 Moline Street

Date Received:

1401533087 9/8/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010116

Manifest #:

007020562FLE

CH ID#

Original Date Removed Unit From Service Type

CM

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40427787

8/18/2014

40427787 /

PCB Solids For Landfill

9/8/2014

Landfill

Grassy Mountain, UT

Facility

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> Shane B. Whitney Authorized Agent

Tuesday, September 09, 2014

†	UNIF	ORM HAZARDOUS	1. Generator ID Number		2. Page	1 of 3. Em	ergency Respon	se Phone	4. Manifest	Tracking Nun	nber	3 No. 2050-003
Ш		ASTE MANIFEST Perator's Name and Mail Perator's Name and Mail		and a					han mailing addre		562	FLE
	35	55 Moline Str	eet	age of		SA	ME					
		orora, CO 8001 (970)	10 256-8889			1						
		ator's Phone: asporter 1 Company Nan	ne						U.S. EPA ID I	Number		
Ш	6	lean Har	-bus Envi	ranmak / So	111115	- 8			MAI	103	9322	1250
	7. Trai	nsporter 2 Company Nan	ne				501 171 171	TRUTTER V	U.S. EPAID 1			
	8. Des	ignated Facility Name ar	nd Site Address				550		U.S. EPA ID I	Number		
			rassy Mountain iles North of Kn						UTD	9913	01748	3
Ш	Gir	antsville. UT 84	1029					9.3				
Ш			(435) 884-890	O ing Name, Hazard Class, IC	Number		10. Conta	ainare	44 Total	40.00		
Ш	9a. HM	and Packing Group (if	any))			10.00	No.	Туре	11, Total Quantity	12. Unit Wt./Vol.	13. Waste	Codes
농	Х	1 RO UN3432 MIXTURE, 9,		ATED BIPHENYL	S SOLID			1000011				
RAT	,	Interioristic of	T G W					CM	11,340	Kg	1	
GENERATOR	100	2.			100			1 8 7		123	-QR	
Ĭ							100	-	hr are	-	8 4 8 8	
		3.										
Ш		4.				4		1.2				
							- 45					
	44 Ca		ns and Additional Information	100	1 3 73			0				
		CH007325B	ERG			-	N H	257	1454	1		
							X	000	,			
	45 0		8-18-14									Lates I
	m	arked and labeled/placar	rded, and are in all respect	ereby declare that the control in proper condition for tra	nsport according to a	policable inte	emational and na	escribed above tional governm	ental regulations.	pping name, a If export shipn	no are classilled, nent and I am the	Primary
Ш	10	certify that the waste min	imization statement identif	nt conform to the terms of the led in 40 CFR 262.27(a) (if	ne attached EPA Act I am a large quantity	generator) or	(b) (if I am a sm	all quantity ge	nerator) is true.			
	Genera	tor's/Offeror's Printed/Ty				Signature	10x 6	e half	6		Month	Day Year
*	16. Inte	mational Shipments	Lave				We-		Va-		19	5 2014
INT	Transp	orter signature (for expo	import to U.S. rts only):		Export fi	om U.S.	Port of each					
띮		nsporter Acknowledgmen orter 1 Printed/Typed Nar		-11 N - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		D						181.11
POR	пакр	31//	ReVIN	0/29		Signature	11				Month 191	Day Year
TR ANSPORTER	Transp	orter 2 Printed/Typed Na				Signature					Month	Day Year
_			60			L	1			-3 3	1 1	
1 P		crepancy screpancy Indication Spa					_			9.7.5		
	CTI		Guanuty	wind to	Type 17,040	11/5	Residue	ka\	Partial Reje		6 Lau	Il Rejection
Ц	1	D 9/10/10	1	righte of) 17070		anifest Reference	e Number:	per -	Sura	n LZCV	
FACILITY	186. Alt	emate Facility (or General	ator)						U.S. EPA ID N	umber		
FAC	Facility'	s Phone;							Fig. 1			
		nature of Alternate Facili	ity (or Generator)		10 10						Month	Day Year
NS.						1 2	SSE W					
DESIGNATED	1.		anagement Method Codes 2.	(i.e., codes for hazardous v		osal, and rec	ycling systems)		4.			
7	Н	132			4 2		46675			11	12.5	
			r Operator: Certification of	receipt of hazerdous materi	als covered by the m		ot as noted in Iter	m 18a 🔍	01)	401	01110	
	nited	Typed Name	h Silve	and In		Signature	0.11	1 1	1 11 11 1	11/2	Month	Day Year
4	Pro	700 22 (Day 2.05) D	revious editions are ob	n(F) (J)		10-12	4100	1 11/	1 16 868	1261	ACILITY TO	/1 //



STABILIZATION RCRA CELL TSCA CELLED STABILIZATION 9:37 09 08 56900 1b 0 1b 56900 1b	14 GROSS TARE NET
LOAD TRACKING INFORMATION	
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MALED	
DATE LOAD NO.	1:35:29
GROSS 1bs.	56900
ORDER NO. DRUM NO. TARE 1bs.	39860
1140163309 1404177707	17040
402414 251454	
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	
ED G TT FB V OTHER 1 2 3 4	
OPERATOR SIGNATURE COUNT DATE	
LOAD WASHOUT INFORMATION WASHOUT STAMP	
WASHOUT: TYPE:	
YES NO INTERIOR EXTERIOR	
WASHOUT SIGNAPORE DATE	
(K()) 9.8.16	
DRIVER SIGNATURE DATE	
ITEM · COMMENTS NAME	DATE
BOX NOT FRACKED 17728Kg	
110 00011 1 000000 01/20010	
Weight Dischepancy - Email Sent	
Welght Discreptivey - Email sera	
Resolved	
Resolved	
Resolved	
Resolved	

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

Generator EPA ID:

3555 Moline Street

Date Received:

9/8/2014

Aurora, CO, 80010

Generator Contact Name:

COD030446637

Load #:

14010114

Manifest #:

007020563FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40426581

8/18/2014

CM

40426581/

PCB Solids For Landfill

9/8/2014

Landfill

Grassy Mountain, UT

Facility

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> Shane B. Whitney Authorized Agent

Tuesday, September 09, 2014

ase print or type. (Form	designed fo	r use on elite (12-pitch) typewriter.)	401533087-	001	SC PPW	W 8/10/	2014	Form 4	Approved. O	MR No 1	2050.003
UNIFORM HAZARD	OUS 1. Gen	erator ID Number	CO THE RESERVE	The second second	ency Respons		4. Manifest	Tracking Num	ber	W F	
WASTE MANIFES 5. Generator's Name and		D030446637	1) 483-3 's Site Arldres		nan mailing addres		1003		LE
Dow Chemic 3555 Moline Aurora, CO 8 Generator's Phone: (9	al Compa Street 0010	my		SAM		a (ii diiisisii u	ian masang addres	53/			
6 Transporter 1 Compa	ny Name	Enviance to 1 Ser	VICES				U.S. EPAID	Number 0 3 1 7	7222	50	
7. Transporter 2 Compa	ny Name	chais	V / /		- 1	g = 1	U.S. EPA ID I		Chicago III	1,50	75
8. Designated Facility N		a Proposition of the Control of the			_		U.S. EPAID		300		
	7 Miles N T 84029	Mountain LLC both of Knells					1 UTD	9913	0174	8	
9a. 9b. U.S. DOT D and Packing Gr	escription (inclu oup (if any))	ding Proper Shipping Name, Hazard Class, ID	Number,		10. Conta	iners Type	11. Total Quantity	12. Unit Wt./Vol.	13. Wa	ste Codes	2
x 1. RO. UN3 MIXTURI		YCHLORINATED BIPHENYLS I	3. SOLID		1	CM	11,340 (rst)	Kg-			
2.							1,21		919		
3.											
4.			*								
				ř .							
15. GENERATOR'S/O marked and labele Exporter, I certify the	FEROR'S CE Uplacarded, an at the contents	ERG\$1.71 RTIFICATION: I hereby declare that the content of this consignment conform to the terms of the statement identified in 40 CFR 262.27(a) (if I	nts of this consignment sport according to appl e attached EPA Acknov	t are fully and licable international	d accurately de ational and na f Consent.	escribed above tional governm	by the proper sh nental regulations.	pping name, a	nd are classif		
Generator's/Offeror's Pri	ited/Typed Nan	ne					behalt	- 04	Month 9	Day S	Year
16. International Shipme Transporter signature (for 17. Transporter Acknowle	r exports only)		Export from	U.S.	Port of ex Date leav	THE REAL PROPERTY.					
Transporter 1 Printed/Tyl	ed Name MATUK	A		gnature gnature	17.11	the same			Month 9	Day 5	Year
CARIS 18. Discrepancy	SU	Stilles		A	208	11			19	17	V4
18a. Discrepancy Indicat	USE 1/14	GM weights	Type 16,46	10/165	Residue 7 4	65 Ko	Partial Reju	Sar	ah L	Full Reje	ction
Facility's Phone:			*			12	U.S. EPAIDR	GHUGI			
18c. Signature of Alterna 19. Hazardous Waste Re		enerator) ent Method Codes (i.e., codes for hazardous w	aste treatment, disposi	al, and recyc	ling systems)				Month	Day	Year
^{1.} H132		2.	3.				4.	5 ~			10.1
20. Designated Facility C Printed Typed Name	wner or Operal	or: Certification of receipt of hazardous materia		riest except a	as noted in Ite	m 18a	DY.	XUT!	Month	Day	Year
Form 8700-22 (Rev. 3	05) Previous	s editions are obsolete.	1 16	-	AT AA	X N	N A A	GNATED F	ACILITY T	O CEN	T T



LUAU DISPUSA	L DESTINATION	NC]			
STABILIZATION RCRA CELL	TSCA CELLIBA	2 SPOT STABILIZATION		8;	24 09 0 57080 1 0 1	b GROSS
LOADTRACKING					57080 1	
PLANT RECEIVED DROPPED FINAL CODE REVIEW 2C.	KG	GRIDS MANIFEST MAILED				
DATE	ONO.	C				
9/8/14	201401	0114				
GENERATOR	HAULER	α . 1		08/Sep/201	4	09:50:54
DOW		CH		GROSS 1bs.		57080
ORDER NO.	DRUM NO.					
140153308 / TRUCK NO. (s)/ R	40421	6581	-	TARE 1bs.		40620
				NET 1bs.		16460 V
CONTAINER TYPE:	20296 ILOAD C	OUNT (RAIL ONLY):	-			
ED G TT FB V OTHER		2 3 4				
OPERATOR SIGNATURE	COUN		-			
LOAD WASHOUT INFOR	MATION	WASHOUT S	STAMP	0 32		
WASHOUT: TYPE:						
TIAGINOI.				i		
_	EXTERIOR A	TUIDA? NIATNUGA	ਮ ਤ ਫ਼∀ਮ	9		
VASHOUT: (TPE.	DATE /	TUL C (' COLUTE		9		
YES NO INTERIOR WASHOUT SIGNATURE	DATE	₽107. 9 € €	8	9		
NO INTERIOR			8	9		
YES NO INTERIOR WASHOUT SIGNATURE	DATE 9-8-19	₽107. 9 € €	8			
YES NO INTERIOR WASHOUT SIGNATURE	DATE 9-8-19 DATE COMMEN	#107.96 c.	8	NA		DATE
DRIVER SIGNATURE ITEM (U) PLOMAT.	DATE 9-8-19 DATE COMMEN	#107 9 C c	8	NA	ME 165 k	DATE
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DRIVER SIGNATURE ITEM (U) PLOMAT.	DATE 9-8-19 DATE COMMEN	#107.96 c.	8	NA		DATE
DRIVER SIGNATURE ITEM (U) PLOMAT.	DATE 9-8-19 DATE COMMEN	#107.96 c.	8	NA		DATE
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DRIVER SIGNATURE ITEM (U) PLOMAT.	DATE 9-8-19 DATE COMMEN	#107.96 c.	8	NA		DATE

WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

9/11/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010284

Manifest #:

007020564FLE

Original Date Removed Unit CH ID # From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40494018

8/18/2014

CM

40494018/

PCB Solids For Landfill

9/11/2014

Landfill

Grassy Mountain, UT

Facility

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> Shane B. Whitney **Authorized Agent**

Friday, September 12, 2014



LOAD DISPOSA	L DESTINATIO	N	1		
STABILIZATION RCRA CELL	TSCA CELLBG	SPOT		6296	09 11 14 50 1b GROSS =
LOADTRACKIN	G INFORMATIO			6290	50 16 NET
PLANT RECEIVED DROPPED FINAL CODE REVI	EWED WEIGHTS G	RIDS MANIFEST MAILED	CD		
GENERATOR 14	2614010 HAULER	0284			
ORDER NO.	DRUM NO.	.11	_z =	11/Sep/2014	10:24:36
1401533087 TRUCK NO. CONTAINER NO. (S)/1	404940 RAILCAR NO.	018		GROSS lbs. TARE lbs.	62960 43300
CHI CONTAINER TYPE:	RT 2LAC	DUNT (RAIL ONLY):		WET 1bs.	19560
ED G TT FB V OTHER	1 2	3 4	į		
OPERATOR SIGNATURE	COUNT	DATE	1		
LOAD WASHOUT INFOR	MATION	WASHOUT S	TAMP		
VES NO INTERIOR OF WASHOUT SIGNATURE DRIVER SIGNATURE	DATE 9-11-14	SEP 1 1 2014 ASSY MC NTAIN I	4		
ITEM	COMMENT	S		NAME	DATE
Weight	discrepa		Bu	solved	89101 (18
Clean Harbors Grassy Mountain Faci	lity, Tooele County,	Utah			



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

9/11/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010282

Manifest #:

007020565FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40494022

8/18/2014

CM

40494022/

PCB Solids For Landfill

9/11/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Share B. Whitney

Authorized Agent

Friday, September 12, 2014

UNIFORM HAZARDOUS 1. Generator ID Number 2. Page WASTE MANIFEST CODO30446637 1. 5. Generator's Name and Mailing Address			Form Appro	
5 Congrator's Name and Mailing Address	1 of 3. Emergency Response Phone (800) 483-3718	4. Manifest Ti	0205	65 FLE
Dow Chemical Company 3555 Moline Street Aurora, CO 80010 Generator's Phone: (970) 256-8889	Generator's Site Address (if different			
6. Transporter 1 Company Name Cleum Houbers Env. Su 7. Transporter 2 Company Name	ics	U.S. EPAID NO	0393	22250
r. Indisponds 2 company haire		U.S. EPA ID Nu	mber	
8. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facilitys Phone: (435) 884-8900		U.S. EPAID NO	mber 91301	1.748
9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1 RO. UN3432, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, PG III	1 CM	(est)	146	
2.				
3.				
4.				
1.CH907325B ERG#171 050 8-18-2014 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignm marked and labeled/placarded, and are in all respects in proper condition for transport according to a Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Ack I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity Senerator's/Offeror's Printed/Typed Name	nent are fully and accurately described above policable international and national govern anowledgment of Consent. generator) or (b) (if I am a small quantity government of Consent.	e by the proper shipp mental regulations. If enerator) is true.	export shipment a	and I am the Primary Month Day Year
BoB Cover 16. International Shipments		u i		
Transporter signature (for exports only):	Date rearing O.G.			9 10 201
Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name BROWN	Signature Signature			Month Day Year Month Day Year
Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name BROWN Transporter 2 Printed/Typed Name	Signature Hart	Partial Reject	ion	Month Day Year
Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name OR BOOWN Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Quantity Type	Signature Signature	Partial Reject		Month Day Year Month Day Year
Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Quantity Type Type 18b. Alternate Facility (or Generator)	Signature Signature Residue			Month Day Year Month Day Year Full Rejection
Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name OR BOOWN Transporter 2 Printed/Typed Name 18. Discrepancy	Signature Signature Residue Manifest Reference Number:			Month Day Year 9 10 14 Month Day Year Full Rejection
Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name BLOUND Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Quantity Type 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disp H132 2. 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the materials	Signature Signature Residue Manifest Reference Number:			Month Day Year 9 10 14 Month Day Year Full Rejection



LOAD DISPOSAL DESTINATION	å	
STABILIZATION RCRA CELL TSCA CELL SE SPOT STABILIZATION	6596	9 11 14 0 lb GROSS 0 lb TARE
LOAD TRACKING INFORMATION PLANT DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MARIFEST	6596	0 lb NET
RECEIVED LO X ST OF-TI	7	
DATE 9-11-14 2014010282	CY	
GENERATOR HAULER	11/Sep/2014	10:49:05
Dow CH	GROSS 1bs.	65960
ORDER NO. DRUM NO.	TARE 1bs.	40800
1401533087 190999022	HET 1bs.	25160
TRÜCK NO. CONTAINER NO. (s)/ RAILCAR NO.		
CHHP 21151 CONTAINER TYPE: [LOAD COUNT (RAIL ONLY):	12:11 09 40460	11 14 15 GROSS = 3
ED G TT FB V OTHER 1 2 3 4	0 40460	1b TARE 1b NET
OPERATOR SIGNATURE COUNT DATE	00707	10 HE
LOAD WASHOUT INFORMATION WASHOUT ST	TAMP 11/Sep/2014	13:48:37
WASHOUT: TYPE:	GROSS 1bs.	40660
YES NO INTERIOR EXTERIOR	TARE 1bs.	40460
WASHOUTSIGNATURE DATE	NET 1bs.	200
DRIVER SIGNATURE DATE	387	
DAIVER SIGNATURE DATE		
ITEM · COMMENTS	NAME	DATE
Boy not Tracked		
SON TOO ! TAWARES		106620 GR
7h		81260 RR
		25360 He
	Gm	2000
to remove waste left in	\	
box.		
Clean Harbors Grassy Mountain Facility, Tooele County, Utah		1



Clean Harbors Grassy Mountain LLC PO Box 22750 Salt Lake City UT, 84122 UTD991301748 (435) 884-8900

CERTIFICATE OF DISPOSAL

Generator Facility Name:

Generator Address:

Dow Chemical Company

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533087

Date Received:

9/29/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010923

Manifest #:

007020566FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40818189

8/18/2014

CM

40818189 /

PCB Solids For Landfill

9/29/2014

Landfill

Grassy Mountain, UT

Facility

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> Share B. Whitney Authorized Agent

Tuesday, September 30, 2014



LOAD DISPOSAL DESTINATION	9:34 09 29 14
STABILIZATION RCRA CELL TSCA CELL BLO STA	55900 1b GR05S 0 1b TARE SPOT 55900 1b NET
LOAD TRACKING INFORMATION	
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS	> MANIFEST A 2 CD
DATE LOAD NO.	29/SeP/2014 11:13:05
9/29/14 201401092	43 6ROSS 1bs. 55900
GENERATOR HAULER	TARE 165. 40100
ORDER NO. DRUM NO.	MET 1bs. 15800
1401533087 40818189 TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	
1599 NHID 20923	
CONTAINER TYPE: LOAD COUNT (R.	IAIL ONLY):
ED G TT FB V OTHER 1 2 3	4
OPERATOR SIGNATURE COUNT	DATE
LOAD WASHOUT INFORMATION WASHOUT: TYPE:	ASHOUT STAMP
2	
YES NO INTERIOR EXTERIOR WASHOUT SIGNATURE DATE	WHEEL WASH
979.14	
DRIVER SIGNATURE DATE	SEP 29 2014
_E-B-bi	ASSY MOUNTAIN FACILITY
ITEM COMMENTS	NAME DATE
Box Not Tracked	794
	100
which discrepan	cy-emoul sent
Vanalin	
1,000	

WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving





CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/21/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011893

Manifest #:

007020567FLE

Original Date Removed Unit CH ID#

Serial # / From Service Type **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41222356

8/18/2014

CM

41222356/

PCB Solids For Landfill

10/21/2014

Landfill

Grassy Mountain, UT Facility

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> Shane B. Whitney Authorized Agent

Wednesday, October 22, 2014

	Gener 6. Tra	rator's Phone: (970) 256-8889 Insporter 1 Company Name Scart Houborts Entry Sucs Insporter 2 Company Name			U.S. EPAID U.S. EPAID	0393 2	11250)
	Ch 3 i Gr	signated Facility Name and Site Address ean Harbers Grassy Mountain LLC Miles East 7 Miles North of Knolls rantsville, UT 84029 ys Phone: (435) 884-8900	7 ₁₉₁ 1		U.S. EPAID UTD		01748	
	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Co No.	ntainers Type	11, Total Quantity	12. Unit WL/Vol.	13. Waste Co	des
- GENERATOR -	x	1. RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III	1	CM	11,340	16		
		3. 4.						
	15. C	ecial Handling Instructions and Additional Information CH807325B ERG#171. DSD 8-/8-20/4 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignularited and labeled/placarded, and are in all respects in proper condition for transport according to Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Ac	ment are fully and accurately applicable international and knowledgment of Consent.	y described abov national governi	mental regulations	ripping name, ar		
INT'L +	Genera	certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity ators/Offeror's Printed/Typed Name Comparison	Signature Bel (enerator) is true.	1f of	" Month Di	and the second
TR ANSPORTER IN	17. Tra	porter signature (for exports only): Insporter Acknowledgment of Receipt of Materials Order 1 Printed/Typed Name ILHALL Order 2 Printed/Typed Name		eaving U.S.;			Month Da	y Year D DOM y Year
1	18a. D	iscrepancy Indication Space Quantity L to USE CIM Weights of Frequency Itemate Facility (or Generator)	Ibs (T096) Manifest Refere	Kg) pance Number:	Partial Rej	rah	Lave de	ejection
DESIGNATED FACILITY	Facility	/s Phone: gnature of Alternate Facility (or Generator)	10°		J. LIVING	valities (Month D	ay Year
	1. H	zardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, dis 1.32 2. 2. 2. 2. 3. 3. 3.	3.		4.	7714	01189) '
\downarrow	Printed	Typed Name OPE DCZPLUU B700-22 (Rev. 3-05) Previous editions are obsolete.	Signature III	nox	Je K	GNATED EA	Month Da	114



LOAD DISPOSAL DESTINATION	7:21 10 21 14 55580 15 GROSS
STABILIZATION RCRA CELL TSCA CELL SPOT	
LOAD TRACKING INFORMATION	
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MAN MAIL	EST CD
DATE LOAD NO.	21/0ct/2014 09:14:48
10-21-14 204011893	GROSS 1bs. 55580
GENERATOR HAULER CH	TARE 16s. 39940
ORDER NO. DRUM NO. 4/222356	NET 1bs. 15640
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO. 1599 CHHP20033	
CONTAINER TYPE: LOAD COUNT (RAIL ONLY	7):
ED G TT FB V OTHER 1 2 3 4	
OPERATOR SIGNATURE COUNT DATE	
LOAD WASHOUT INFORMATION WASHO	UT STAMP
WASHOUT: TYPE:	
KES NO INTERIOR EXTERIOR	EEL WASH
Of the state of th	
10 61 1	CT 2 1 2014
1 Oct 9014 GK# 54 M	OUNTAIN FACILITY
ITEM COMMENTS	NAME DATE
Weight discrepancy-	- Repolved
, ,	70900
- 1 No	

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/1/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011005

Manifest #:

007020574FLE

Original Date Removed Unit CH ID#

From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40874198

8/18/2014

CM

40874198/

PCB Solids For Landfill

10/1/2014

Landfill

Grassy Mountain, UT Facility

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> Shane B. Whitney Authorized Agent

Thursday, October 02, 2014



LOAD DISPOSAL DESTINATION	7:40 10 01 f4	
STABILIZATION RCRA CELL TSCA CELL B6 STABILIZATION	55620 1b GROSS 0 1b TARE 55620 1b NET	
LOAD TRACKING INFORMATION		
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED DATE LOAD NO.	O1/0ct/2014 09:24:04	
10/1/14 2014011005	GROSS 1bs. 55620	
GENERATOR HAULER	TARE 1bs. 39860	
ORDER NO. DRUM NO.	NET 15s. 15760	
1401533087 40874198		
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO. 1599 CHAP 20034		
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):		
ED G TT FB V OTHER 1 2 3 4 OPERATOR SIGNATURE COUNT DATE		
OPENAION SIGNATORE		
LOAD WASHOUT INFORMATION WASHOUT S	STAMP	
WASHOUT: TYPE:	STAMP	
WASHOUT: TYPE: YES NO INTERIOR EXTERIOR		
WASHOUT: TYPE: WES NO INTERIOR EXTERIOR WASHOUT SIGNATURE DATE WHESE		
WASHOUT: TYPE: WES NO INTERIOR EXTERIOR WASHOUT SIGNATURE DATE DRIVER SIGNATURE DATE OCT	1 2014	
WASHOUT: TYPE: YES NO INTERIOR EXTERIOR WASHOUT SIGNATURE DATE OCT TO 1-14 OCT THE SIGNATURE OCT TO 1014 GRASSY MOUN	1 2014 VTAIN FACILITY	
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CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533087

Date Received:

9/29/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010929

Manifest #:

007020569FLE

Original Date Removed Unit CH ID # From Service Type

Unit Serial # / Type Customer ID Material Description

Disposal Date Method of Disposal Disposal Facility

40821410

8/18/2014

СМ

40821410/

PCB Solids For Landfill

9/29/2014

Landfill

Grassy Mountain, UT

Facility

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Share B. Whitney
Authorized Agent

Tuesday, September 30, 2014

	RM HAZARDOUS	1. Generator ID			- 00.00		3. Emergency R			4. Manifest	Irricking N	umber	I. OMB No	-,
	TE MANIFEST ator's Name and Mailir	CODO:	30446	1637		1	(800) 48					056	9	L
Dow 355 Aun	Chemical Co 5 Moline Stre ora, CO 8001	et 0					Generator's Site /	ooress (ii ome	rent thai	n mamng aodre	SS)			
seneravo 3. Transp	r's Phone: (970) : orter 1 Company Nam	18								U.S. EPA ID	Number			
7. Transp	Orter 2 Company Nam	JARDO	rs	ENI	<u> </u>	1/25	-			U.S. EPAID	039_ Number	322	250	<u> </u>
. 6 - 1	ated Facility Name an	4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4												9 %
Clea 3 Mi	n Harbors Gr les East 7 Mil ntsville, UT 84	assy Moun	of Knolls							U.S. EPAID		3017	48	
	b. U.S. DOT Description		er Shipping Na	me, Hazard Clas	s, ID Number,		10.	Containers		11. Total	12. Unit	13	Waste Cod	00
1111	and Packing Group (if a	***					No	Ту	pe	Quantity	Wt./Vol.	10.	i i i i i i i i i i i i i i i i i i i	
	RO. UN3432. MIXTURE, 9, 1		DRINATE	D BIPHEN	YLS SOLI	D	1	cn	1	11,340	K6			
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	al Handling Instruction:	1	ERG#171				BOX *	20	23	39				
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EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

Printed/Typed Name



LOAD DISPOSAL DESTINATION	12:07_09_29	
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	42760 11 0 11 42760 11	TARE
LOAD TRACKING INFORMATION		
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED	CD	
DATE LOAD NO.		
9/29/14 2014010 929		
GENERATOR HAULER	GROSS 1bs.	18:53:37 42760
ORDER NO. DRUM NO.		
140153308/1 40821410	TARE 1bs.	40840
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	NET Ibs-	1920
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WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Generator Address:

Dow Chemical Company

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533087

Date Received:

9/29/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14010939

Manifest #:

007020570FLE

Original Date Removed Unit

CH ID # From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40835338

8/18/2014

СМ

40835338/

PCB Solids For Landfill

9/29/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Share B. Whitney Authorized Agent

Tuesday, September 30, 2014

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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	5. Generator's Name	ROBE CO	MIDSHY	1000	A	Generator's	Site Addres	ss (if different l	than mailing addre	:55)	4	
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	The State of the S		256-8889					44				
	Generator's Phone: 6. Transporter 1-Com	pany Name	1 2	The second section of	NA.			-	U.S. EPA ID	Number		7.4
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Ш	Facility's Phone:		4351884-8900									
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11	15. GENERATOR'S	/OFFEROR	'S CERTIFICATION: I hereb	declare that the contents of t	this consignment a	are fully and a	curately d	escribed abov	e by the proper sh	ipping name, a	nd are classified	, packaged,
Ш	Exporter, I certify	that the co	led, and are in all respects in portents of this consignment co	nform to the terms of the attac	hed EPA Acknowl	ledoment of Co	onsent.		to: 1 1 1 1 1 1 2 2	. п ехроп ѕпирг	nent and I am in	ө Ртипагу
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-	8b. Alternate Facility	for General	mil WE	CONTO OF	1008	Manifes	Reference	h Number!	U.S. EPA ID N	lumber	KIN	
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	9. Hazardous Waste I	Report Mar	agement Method Codes (i.e.,	codes for hazardous waste tre	eatment, disposal,	, and recycling	systems)	MIE VO				
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-	0. Designated Facility	Owner or (Operator: Certification of recei	ot of hazardous materials cover	ered by the manife	est excent se n	oted in the	n 18a	27	1017	1772	7
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WASHOUT:	TYPE:					
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533075

Date Received:

10/24/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012095

Manifest #:

007020572FLE

Original Date Removed Unit CHID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41330892

8/18/2014

CM

41330892/

PCB Solids For Landfill

10/24/2014

Landfill

Grassy Mountain, UT Facility

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> Shave B. Whitney Authorized Agent

Monday, October 27, 2014



LOAD DISPOSAL DESTINATION	
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	9:15 10 24 14 63800 1b GROSS
LOAD TRACKING INFORMATION	0 15 TARE
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED DATE LOAD NO.	63800 1b NET
10/24/14 2014012095 GENERATOR HAULER	24/0ct/2014 10:24:18
Dow Action	GROSS 1bs- 63800
ORDER NO. DRUM NO.	TARE 1bs 43620
1401533075 41330892 TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	NET 16s. 20180
1157 CHRT25461	9152kg
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	
ED G TT FB V OTHER 1 2 3 4	
OPERATOR SIGNATURE COUNT DATE	
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WASHOUT SIGNATURE DATE	
DRIVER SIGNATURE DATE	
ITEM COMMENTS	NAME DATE
Weight Disclepance	
Name and Address of the Address of t	
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	3

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Generalor Address:

Dow Chemical Company

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533087

Date Received:

10/1/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011031

Manifest #:

007020573FLE

Original Date Removed Unit CH ID#

Serial # / From Service Type **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40876173

8/18/2014

40876173 /

PCB Solids For Landfill

10/1/2014

Landfill

Grassy Mountain, UT

Facility

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> Share B. Whitney **Authorized Agent**

Thursday, October 02, 2014

se prin	t or type. (Form design	gned for use on elite ((2-pitch) typewriter.)	14015330		SC PPW	Bres 11324				B No. 2050-003
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5. Gen Do 35 Au	erator's Name and Mail or Chemical Co 55 Meline Str orera, CO 8001 ntor's Phone: (970)	ng Address ompany set				erator's Site Address	s (if different t				
6. Tran	Sporter 1 Company Nati Con H	albois	Env	SUS				U.S. EPAID N	2393	222	50
	sporter 2 Company Na			SWC 1	1 . 1		Till the	110 574 151			
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9a.		tion (including Proper Shi	pping Name, Hazard Class,	, ID Number,	8	10, Contz	iners Type	11, Total Quantity	12. Unit WL/Vol.	13, Was	te Codes
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44 Ca	orial Handling Inch with	ons and Additional Inform	ation			Box#	71	21 0		KK 1	/ 7 7
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-	Discrepancy Indication 5	Space Quantity		Турв		Residue	Month	Partial Re	jection		Full Rejection
18b. / Facili 18c. \$	Memate Facility (or Ger	nerator)				Manifest Referer	na municeri	U.S. EPA ID	Number		
Facilii 18c. \$	ry's Phone: Signature of Alternate F									Month	Day Ye
19. H	azardous Waste Report	Management Method Co	des (i.e., codes for hazard	ous waste treatmen	at, disposal, a	nd recycling systems		4.			
_	esignated Facility Owne	er or Operator: Certification	n of receipt of hazardous m	naterials covered by	the manifest		tem 18a	You	014	() / / (Month	Day Yes
'A Form	8700-22 (Rev. 3-05) Previous editions ar	e obsolete.	AAAA.	1 5	- VIXI	V X	DE	SIGNATED	FACILITY 1	O GENERAT



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STABILIZATION RCRA CELL	TSCA CELL BE SPOT STABILIZATION	67140	16 NET
LOAD TRACKING	G INFORMATION	CD	
PLANT RECEIVED DROPPED FINAL CODE REVI	EWED WEIGHTS GRIDS MANIFEST MAILED		
DATE	D NO.	0i/Oct/2014	11:12:52
10/1/14	2014011031 THAULER	GROSS 1bs.	67140
GENERATOR	TARE_1bs	43600	
ORDER NO.	DRUM NO.	NET 1bs.	23540
11101533087	408710173	WELL THOS.	20010
TRUCK NO. CONTAINER NO. (s)/ I	RAILCAR NO.		
1627 CHR	T26368		
CONTAINER TYPE:	LOAD COUNT (RAIL ONLY):	7	
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OPERATOR SIGNATURE	COUNT DATE	- Y	
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			160
			- 0
Clean Harbors Grassy Mountain Fac	Sity Topolo County Litch		



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/1/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011004

Manifest #:

007020568FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40874027

8/18/2014

40874027 / CM

PCB Solids For Landfill

10/1/2014

Landfill

Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Thursday, October 02, 2014



ten eget det	And the state of t				
LOAD DISPOSAL DESTINATION	7:32 10 01 14 60400 1b GROSS				
STABILIZATION RCRA CELL TSCA CELL BC STABILIZATION	SPOT 0 15 TARE 60400 15 NET				
LOAD TRACKING INFORMATION					
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED	CD				
DATE LOAD NO.	01/0ct/2014 09:21:01				
10/1/14 20140 11004					
GENERATOR HAULER	GROSS 1bs. 60400				
(H)	TARE Ibs. 40360				
ORDER NO. DRUM NO.	NET 1bs. 20040				
1401533087 40874027					
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.					
1480 CHRT 25203					
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):					
ED G TT FB V OTHER 1 2 3 4					
OPERATOR SIGNATURE COUNT DATE					
LOAD WASHOUT INFORMATION WASHOUT S	TAMP				
WASHOUT: TYPE:					
YES NO INTERIOR EXTERIOR					
WASHOUT SIGNATURE DATE					
10.1-14					
DRIVER SIGNATURE DATE					
ITEM COMMENTS	NAME DATE				
Weight discrepancy-	the wed you				
	0091				

WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving



Clean Harbors Grassy Mountain LLC PO Box 22750 Salt Lake City UT, 84122 UTD991301748 (435) 884-8900

CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533075

Date Received:

10/24/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012184

Manifest #:

007020541FLE

Original Date Removed Unit

Date Removed Unit Serial # /
From Service Type Customer ID

Material Description Disposal Date Method of Disposal Disposal Facility

CH ID #

8/18/2014

СМ

41357121/

PCB Solids For Landfill

10/27/2014

Landfill

Grassy Mountain, UT

Facility

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Shave B. Whitney

Authorized Agent

Tuesday, October 28, 2014

ase print or type. (Form designed for use on elite (12-pitch) typewriter in 7 14 0153. UNIFORM HAZARDOUS 1. Generator ID Number 2.	Page 1 of 3. Eme	rgency Respons	# B/10/ e Phone	4. Manifest	Tracking Numb	The second second second second	
WASTE MANIFEST 5. Generator's Name and Mailing Address 5. Generator's Name and Mailing Address	1 (Q	00) 497 :	719	0.0	7753	487	FLE
Dow Chemical Company 3555 Moline Street - Aurora, CO 80010	SA			9 11			
6. Transporter 1 Company Name 1951 1951				U.S. EPA ID N			
Chan Abibois Env Sixs			- 1	MAD		3222	50
7. Transporter 2 Company Name				U.S. EPAID N	umber		
Designated Facility Name and Site Address				U.S. EPA ID N	lumber		
Clean Harbors Grassy Mountain LLC 3 Miles East / Miles North of Knolls Grantsville. UT 84029 (435) 884-8900				010	0040	04740	
25 H.S. DOV Benefit for death of the Proper China In Alexand Class ID Mumber		10. Conta	iners	11. Total	12. Unit		
9a. 95. U.S. DO) Description (including Proper Snipping Name, Hazard Class, ID Number, and Packing Group (if any))		No.	Туре	Quantity	Wt./Vol.	13. Waste	Codes
1. RO, UN3432, POLYCHLORINATED BIPHENYLS, SOLII	D	- 110		est			
x MIXTURE, 9, PG III		1	DAA	11,340	KG		
2.		-	LIVI	11,340	1,00		
۵.							- 1
3.					7 B		
				1			100
4.				V ()			
1.CH007325B ERG#171		UR	X	K1269	16		
		,					
OSD 8-1	8-20	14	TK	Kr /	54		
 GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the coments of this comarked and labeled/placarded, and are in all respects in proper condition for transport according. 	ing to applicable inte	mational and na	escribed abovi tional governr	e by the proper shi nental regulations.	pping name, an If export shipm	d are classified, ent and I am the	, packaged, Primary
Exporter, I certify that the contents of this consignment conform to the terms of the attached E I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large q	PA Acknowledgmeni	of Consent.					V
Generator's Offeror's Printed/Typed Name	Signature			F 07		Month	Day Yea
30B COUPE	107	al-	Con	e.		IDL	24/20
4C International Shipmonts	export from U.S.	Port of e		Access of the second			0
Transporter signature (for exports only):	- 8		ring U.S.:	4, 2, 1			
17. Transporter Acknowledgment of Receipt of Materials	Signature .	1				Month	Day Yea
Transporter 1 Printed/Typed Name	I A	/.	N	Dol.		1/01	21910
Henna KHIIIgood	W/	10mm		11 1 1 1	arone	1100	
Transporter 2 Printed/Typed Name	Signature		,)		1	Month	Day Yes
Transporter 2 Printed/Typed Name	Signature		.,	0		Month	Day Yes
0	Signature			0		Month	Day Yes
18. Discrepancy	Signature	Residue		Partial Reje	ection	Month	Day See
18. Discrepancy	Signature	Residue		Partial Reje	ection	Month	Bay Yes
18. Discrepancy 18a. Discrepancy Indication Space Quantity Type		Residue	e Number:			Month	Day Yes
18. Discrepancy 18a. Discrepancy Indication Space Quantity Type			e Number:	Partial Reju		Month Fu	Day Yee
18a. Discrepancy Indication Space Quantity Type 18b. Alternate Facility (or Generator)			e Number:			Month Fu	Day Nea
18. Discrepancy 18a. Discrepancy Indication Space Quantity Type 18b. Alternate Facility (or Generator) Facility's Phone:		anifest Referenc	e Number:			Month Fu	
18. Discrepancy 18a. Discrepancy Indication Space Quantity Type 18b. Alternate Facility (or Generator) Facility's Phone:		anifest Referenc	e Number:				
18. Discrepancy 18a. Discrepancy Indication Space Quantity Type 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (I.e., codes for hazardous waste treatment)	M ent, disposal, and rec	anifest Referenc	e Number				
18. Discrepancy 18a. Discrepancy Indication Space Quantity Type 18b. Alternate Facility (or Generator) Facility's Phone:		anifest Referenc	e Number:				
18. Discrepancy 18a. Discrepancy Indication Space Quantity Type 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (I.e., codes for hazardous waste treatment) 1. H132	Ment, disposal, and rec	nifest Reference v ycling systems)					
18. Discrepancy 18a. Discrepancy Indication Space Quantity Type 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (I.e., codes for hazardous waste treatment in the signature of Alternate Facility (or Generator) 2. Codes for hazardous materials covered by the signature of Alternate Facility Owner or Operator: Certification of receipt of hazardous materials covered by the signature of the signature	Ment, disposal, and rec	nifest Reference v ycling systems)					Day Yea
18. Discrepancy 18a. Discrepancy Indication Space Quantity Type 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (I.e., codes for hazardous waste treatment)	Ment, disposal, and reconstruction of the manifest except except of the manifest except ex	nifest Reference v ycling systems)				Month 1	Day Yea



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10.2	29	0 14012	183			
GENERATOR	0	HAULER		27/0	ct/2014	09:33:06
ORDER NO.	0-	DRUM NO.		6ROS	S lbs.	65100
14014 TRUCK NO.	533087 CONTAINER NO. (s)/F	41357	120	TARE	lbs.	42500
1597	CHRT 2			NET	los.	22600
CONTAINER TYP	E:	LOAD	COUNT (RAIL ONLY):			
ED G TT	FB V OTHER	1	2 3 4			
OPERATOR SIGN	NATURE	COUL	NT DATE			
NAME:			r			
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WASHOUT:	TYPE:	EXTERIOR				
WASHOUT SIGN		DATE	P. CLW	ASH		
TH		10-27-14				
DRIVER SIGNATI	JRE	DATE	007342)14		
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ITEM	3	COMMEN	ITS		NAME	DATE
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				0.00		

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generalor Address:

3555 Moline Street

Date Received:

11/14/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012912

Manifest #:

007753194FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41735794

8/18/2014

41735794/

PCB Solids For Landfill

11/17/2014

Landfill

Grassy Mountain, UT

Facility

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> Share B. Whitney **Authorized Agent**

Tuesday, November 18, 2014



LOAD DIS	SPOSAL DESTINATI	ION		
STABILIZATION RCRA CEL	TSCA CELL	SPOT STABILIZATION	44820	
LOADTRA	ACKING INFORMAT	ION	4482ŭ	
PLANT RECEIVED DROPPED FINAL CO		GRIDS MANIFEST MAILED	1 February	e de la de la
DATE 11-14-14	20140129	12		
DATA DESCRIPTION OF THE PROPERTY OF THE PROPER	HAULER			
ORDER-NO. 140153308	7 DRUM NO. 7 41736	794		
	NO. (s)/ RAILCAR NO.	0179		
1597 CHR	30508	COUNT (DAY ONNY	14/Nov/2014	14:17:44
CONTAINER TYPE:		COUNT (RAIL ONLY):	GROSS 1bs.	44820
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OPERATOR SIGNATURE	COU	NT DATE	TARE Ibs.	43980
			NET 1bs.	840
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WASHOUT SIGNATURE	RIOR EXTERIOR DATE	WHEEL WAS	SH	- SM
71	11-14-14	NOV 1 1 2014		
DRIVER SIGNATURE	DATE	RASSY MOUNTAIN FA	CILITY	
ITEM	COMMEN	ITS	NAME	DATE
Weigh	H Disce	epancil		`
,				
7	Kes	owed		
1				
	1			
	in Facility, Tooele County,			

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

11/11/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012718

Manifest #:

007753195FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41660757

8/18/2014

СМ

41660757/

PCB Solids For Landfill

11/11/2014

Landfill

Grassy Mountain, UT

Facility

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> Shane B. Whitney Authorized Agent

Wednesday, November 12, 2014

Ple	ase p	rint or type. (Form design		2-pitch) typewriter.)	14010000	7, 002	0011	W 6/ 10/			Approved. OM	3 No. 2050-003
1	٧	WASTE MANIFEST	1. Generator ID Number C O D 0 3 0 4	46637	2. Pag 1		ergency Respor			775	3195	FLE
	3 A Gen	enerator's Name and Mailin Dow Chemical Co 1555 Moline Stre Aurora, CO 8001 lerator's Phone: (970) 2	mpany et 0 256-8889				ator's Site Addre	ss (if different t	han mailing addres			
		ransporter 1 Company Name	albors 1	ENV	Sucs	r		14	U.S. EPAID N	1)03	1932	2250
П		esignated Facility Name and						-	U.S. EPA ID N	Vumber		
	3 G	Clean Harbors Gr B Miles East 7 Mil Brantsville, UT 84 Bitys Phone:	es North of Kne	olls	4.6	D	= 1		OTU	9913	01748	3
Н	9a. HM	9b. U.S. DOT Description and Packing Group (if a	n (including Proper Shipp ny))	ing Name, Hazard Class,	ID Number,		10. Cont		11. Total Quantity	12. Unit Wt./Vol.	13. Waste	Codes
18		1 RO. UN3432.	POLYCHLORIN	ATED BIPHENY	LS SOLID		NO.	Туре	est	WEAVO.		
GENERATOR	X	MIXTURE, 9, 1	TO SH				1	Cm	11340	K6	•	
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		3.					100					
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		4.							74	300		
		Special Handling Instructions CH807325B				E	OY	25	461			
			ERG#			1.0	V #		461			
	15.	GENERATOR'S/OFFEROR	'S CERTIFICATION: 1 he	ereby declare that the con	tents of this consignr	nent are fully:	and accurately d	escribed above	by the namer shir	oping name, a	and are classified,	packaged,
	- 33	marked and labeled/placard Exporter, I certify that the co I certify that the waste minim	ntents of this consignmen vization statement identific	it conform to the terms of	the attached EPA Ac	knowledgmen r generator) o	t of Consent. (b) (if I am a sn	all quantity ge	nerator) is <u>In</u> le.	lf export shipr	nent and I am the	Primary
1		rator's/Offeror's Printed/Type	ed Name			Signature	ay B	Car	R.L.	/		Day Year
F		iternational Shipments	Import to U.S.		Export i	rom U.S.	Port of e	ntry/exit:				
<u> </u>		sporter signature (for exports ansporter Acknowledgment c					Date leav	ring U.S.:				
TR ANSPORTER INTI	Trans	porter Printed/Typed Name	411'000	1		Signature	4	2310	10 1 100		Month	Day Year
ANS	Transp	porter 2 Printed/Typed Name	1111000		(-)	Signature	inner	au	grad		Month	Day Year
¥	18 Di	screpancy	-		4	t.	À.					(85
	_	Discrepancy Indication Space	Quantity		Туре	Ē	Residue		Partial Rejec	rtion	Full	Rejection
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	186. A	llemate Facility (or Generate	or)		1.3				U.S. EPA ID Nu	mber		J. M
E E		y's Phone:		G4 4	1 3				V 8			S
DESIGNATED FACILITY	18C. S	ignature of Alternate Facility	(or Generator)				10.27				Month	Day Year
2		zardous Waste Report Mana		e., codes for hazardous			cling systems)	100				
		1132	2.		V Tel	3.			0 1/	1 2 10		
		signated Facility Owner or C	perator: Certification of re	ceipt of hazardous mater	ials covered by the n	41	t as noted in Iter	n 18a	ADI	100	118	66.00
		I Ke	ct/ 1771	unell	2	Signature	Kei	h C	TUHIL	Oll	Month	Day/Year/



	663-7-12		
LOAD DISPOSAL DESTINATION	9:43 11 1 47400 1		
STABILIZATION RCRA CELL TSCA CELL S SPOT STABILIZATION	0 1 47400 1	b TARE	
LOAD TRACKING INFORMATION			
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED			
DATE LOAD NO.	0)		
11/11/14 2014012718			
GENERATOR HAULER	and the debugger for him or more		
Dow	11/Nov/2014	11:26:48	
ORDER NO. DRUM NO.	GROSS Ib≤.	47400	
1401533081 411(100151			
TRUČK NO. CONTAINER NO. (s)/ RAILCAR NO.	TARE lbs.	42240	
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	NET 1bs. 5160		
ED G TT FB V OTHER 1 2 3 4			
OPERATOR SIGNATURE COUNT DATE			
LOAD WASHOUT INFORMATION WASHOUT ST	TAMP		
WASHOUT: TYPE:			
YES NO INTERIOR EXTERIOR WHEEL			
WASHOUT SIGNATURE DATE 11-11-14 NULL 1 U			
DRIVER SIGNATURE DATE			
dpASS -	FIRST YOUR COMPANY OF	alpert.	
ITEM COMMENTS	NAME	DATE	
Hanx Dat to akad		12 48	
Direction (France		2343 10	
Weight discremence -	boulers		
Clean Harbors Grassy Mountain Facility, Tooele County, Utah		7	



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/29/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012264

Manifest #:

007753196FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41402230

8/18/2014

CM 41402230/

PCB Solids For Landfill

10/29/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Thursday, October 30, 2014

DESIGNATED FACILITY TO GENERATOR



	7:37 10	29 14		
LOAD DISPOSAL DESTINATION	72900 lb GR093			
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	0 15 TARE 72900 15 NET			
LOAD TRACKING INFORMATION	CD			
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED OF THE PROPERTY OF TH		00-21-70		
DATE LOAD NO.	29/0ct/2014	09:51:38		
10/29/14 20140/2264 GENERATOR HAULER	GROSS 1bs.	72900		
	TARE Ibs.	45040		
ORDER NO. DRUM NO.	NET 1bs.	27860		
1401533087 41402230 TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	-			
1597 251109				
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):				
ED (G) TT FB V OTHER 1 2 3 4				
OPERATOR SIGNATURE COUNT DATE				
LOAD WASHOUT INFORMATION WASHOUTS	TAMP			
WASHOUT: TYPE:				
		Markovan		
YES NO INTERIOR EXTERIOR				
WASHOUT SIGNATURE DATE	The House of the H			
WASHOUT SIGNATURE DATE	H			
WASHOUT SIGNATURE DATE OCT 27				
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CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/28/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012235

Manifest #:

007753197FLE

_	Date Removed From Service		Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41381594	8/18/2014	CM	41381594/	PCB Solids For Landfill	10/28/2014	Landfill	Grassy Mountain, UT

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Shane B. Whitney

Authorized Agent

Wednesday, October 29, 2014

Please print or type. (Form designed for use on elite (12-pitch) typewriter. A7 1401533087-001 SC PPW 8/10/2014 Form Approved. OMB No. 2050-0039 4. Manifest Tracking Number 2. Page 1 of | 3. Emergency Response Phone UNIFORM HAZARDOUS 1. Generator ID Number 531 (800) 483-3718 COD030446637 WASTE MANIFEST Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address **Dow Chemical Company** 3565 Moline Street SAME Aurora, CO 80010 Generator's Phone: (970) 266-8999 U.S. EPA ID Number 6. Transporter 1 Company Name ALR 00000 7273 U.S. EPA ID Numbe 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC UTD991301748 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 12. Unit ga. 13. Waste Codes and Packing Group (if any)) Wt./Vol. Quantity НМ RO. UN3432, POLYCHLORINATED BIPHENYLS, SOLID est GENERATOR MIXTURE, 9, PG III X 14. Special Handling Instructions and Additional Information BOX RT 25205 1.CH807325B ERG#171 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Signature Day Year 16. International Shipments Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.: 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name \ (ouverly 141664 Transporter 2 Printed/Typed Name Signatur 2 18. Discrepancy 18a. Discrepancy Indication Space Type Residue Partial Rejection Quantity Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number FACIL Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Day Year 19. Hazardous Waste Report Management Method Codes (I.e., codes for hazardous waste treatment, disposal, and recycling systems)

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

1 H132

Printed/Typed Name

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.



	LOAD DISPOSA	DECTINA	TION			
STABILIZAT	LOAD DISPOSA TION RCRA CELL	TSCA CELL	SG SPOT STABILIZATION			
	LOAD TRACKING	INFORMA	TION	(In	9:54 10 2	8 14
PLANT RECEIVED DE	ROPPED FINAL CODE REVIE	KG	GRIDS MANIFEST MAILED	ران	65600 1 0 1 65600 1	b TARE
/0.28	B-14 2	0140126	35			
GENERATOR	5	ACT DRUM NO.	ion			
ORDER NO.	1533087	81594	W			
1167	CONTAINER NO. (s)/R	75205	AD COUNT (RAIL ONLY):	= 50.0	Oct/2014	11:02:40
CONTAINER				207	JC W ZUIT	
ED G T	T FB V OTHER	1		GROS	SS lbs.	65600
OPERATOR SIG	SNATURE	C	DUNT DATE		E lbs.	42800
LOAI	WASHOUT INFOR	MATION	WASHOUT S	TAMP NE	lbs.	22800 103424
WASHOUT:	TYPE:					10340 kg
YES NO	INTERIOR	EXTERIOR				0
WASHOUT SIG		DATE				
	W/+	10.28				
DRIVER SIGNA	TURE	DATE				
ITEM		COMM	ENTS		NAME	DATE
			RV	,		
7			UF			1/4
No.		8 11 11			ā	
				70	1 1	10
		1			1	
0111	rs Grassy Mountain Facilit	T 10				
Clean Harbor	rs Grassy Mountain Facilit	V Josela Cou	nny I Itah			

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/29/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012267

Manifest #:

007753485FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41408291

8/18/2014

CM 41408291/

PCB Solids For Landfill

10/29/2014

Landfill

Grassy Mountain, UT

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Thursday, October 30, 2014

Plea	ise pri	int or type. (Form design			writer.)A / 14	V1533(DR 1-00	r acht	W B/1U/			Approved. U	MO NO. 2	120-0038
1	W	FORM HAZARDOUS ASTE MANIFEST		umber 8 0 4 4 6 6 3	3.7	2. Pa		Emergency Respo	3718	00		3485	F	LE
	D 3	nerator's Name and Mailine Chemical Commission Chemical Commission Chemical Commission C	ompany eet LO					nerator's Site Addre	ess (if different l	han mailing addre	ess)			
	6. Tra	ansporter 1 Company Nan C / A A ansporter 2 Company Nan	HARBA	15 8	NL	Six	5			U.S. EPAID	039	3 222	250	
					4					U.S. EPAID		1164		
	C	B. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knotls Facility Parking Hile. UT 84029												
	9a. HM	9b. U.S. DOT Descript and Packing Group (if	ion (including Prope	: GG 00 or Shipping Name, Ha	zard Class, ID Nu	mber,		10. Cor No.	tainers Type	11, Total Quantity	12. Unit WL/Vol.	13. Wa	aste Codes	
GENERATOR -	x	RO, UN3432 MIXTURE, 9,		ORINATED BI	PHENYLS.	SOLID		1	CM	11,340	K6			
- GENE		2.										MIN S		
		3.						100						
- No. 1		4.												
	14. S	special Handling Instruction	ns and Additional In	formation			Box	1 7 2	565	3				
	14. Special Handling Instructions and Additional Information 1. CH607325B ERG#171 OSD 8-18-2014 TRL # 1579													
	Gene	GENERATOR'S/OFFERO marked and labeled/placa Exporter, I certify that the I certify that the waste mir rator's Offeror's Printed/Ty	rded, and are in all contents of this con imization statemen ped Name	ON: I hereby declare respects in proper co signment conform to	that the contents ndition for transpo the terms of the a	of this consi ort according ttached EPA	ignment are to applicable Acknowledg	fully and accurately e international and ment of Consent. or) or (b) (if I am a s	described above national government quantity go	ve by the proper s mental regulations enerator) is true.	hipping name, s. If export ship	oment and I am	the Primar	Year
NT'L	16. in	ternational Shipments	PC 17 (0)	to U.S.	1,8,40	Ехфо	ort from U.S.	Port of	entry/exit:	-UKK_		110	NO	ear y
	17. Tr	sporter signature (for expor ransporter Acknowledgmer porter 1 Printed/Typed Na	nt of Receipt of Mate	rials ·	1	ide, ora	Signatu		aving U.S.:			Month	Day	Year
TR ANSPORTER	N	3 1	ATEJKA			+	Signate	schol f	utto			/C Month	2 <u>-28</u> Day	Year
<u>⊨</u>	18. Di	iscrepancy			ro v e		1		1 11	AND S		2	+	
	18a. 0	Discrepancy Indication Sp.	ace Cm Oua	weights	J 3	2,120) lbs	Residue JOU 35 Manifest Refere	Kg) f	Partial Re	ection	Lav	Full Reject	
DESIGNATED FACILITY	Facilit	Alternate Facility (or Generally's Phone: Signature of Alternate Faci					jic s			U.S. EPA ID	Number	Month	n Day	Year
SIGN,	19. Ha	azardous Waste Report M	anagement Method	Codes (i.e., codes fo	or hazardous wast	e treatment,	_	d recycling systems	i)	1.			1	
<u> </u>	L	H132		2.			3.		V 1	4.	~ 01	2100	10	
	-	esignated Facility Owner of	or Operator: Certific	ation of receipt of haz	ardous materials	covered by th	he manifest Signatu		lem 18a	10	014	Month)	Day	Year,
₽PA	Form	8700-22 (Rev. 3-05)	Previous editions	are obsolete.	cu	V	15.	- VIII	10	nec	IGNATED :	EACILITY T	O GENE	RATOR



LOAD DISPOSAL DESTINATION		10_29 14 00 1b 6ROSS
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	637	0 1b TARE 00.1b NET
LOAD TRACKING INFORMATION	CD	
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED MAILED		4
DATE LOAD NO.	29/0ct/2014	11:17:44
10/29/14 20/40/22/67 GENERATOR HAULER	GROSS lbs.	63700
DOW CH	TARE 165.	41580
ORDER NO. DRUM NO. 1401533087 41408291	NET 1bs.	22120
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.		
1599 CHRT 25653		
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	- A 40 2	
ED G TT FB V OTHER 1 2 3 4 OPERATOR SIGNATURE COUNT DATE		
OPERATOR SIGNATURE		
LOAD WASHOUT INFORMATION WASHOUT	STAMP	
WASHOUT: TYPE:		
WASHOUT SIGNATURE DATE	Test to a b	は 数 できない
WASHOUT SIGNATURE DATE DATE OCT 28	2014	
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ITEM COMMENTS	NAME	DATE
Weight discrepancy-	PSUN HIVECT	, , , , , ,
		150
4 f = 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		10

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010

Date Received:

10/24/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012106

Manifest #:

007753486FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41331341

8/18/2014

CM

41331341/

PCB Solids For Landfill

10/24/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Authorized Agent

Monday, October 27, 2014

Plea	ase print or type. (Form designed for use on elite (12-pitch) typewriter.) 14010)03U01-U	UI SCPPW	D) TO) a		Form A	oproved. OMB No	. 2050-0039	
1	UNIFORM HAZARDOUS 1. Generator ID Number WASTE MANIFEST CODO30446637		3. Emergency Response (800) 483-3		4. Manifest	Tracking Numb	486	FLE	
Ш	5. Generator's Name and Mailing Address	9 =	Generator's Site Address	if different that	n mailing addres	s)			
	Dow Chemical Company 3555 Moline Street Aurora, CO 80010 Generator's Phone: (970) 256-8889		SAME						
Ш	6. Transporter 1 Company Name				U.S. EPA ID I				
П	Chan Haibors End SUC	' <			MAD	0292	2275	7	
П	Transporter 2 Company Name				U.S. EPAID N				
Ш					1 7				
П	Designated Facility Name and Site Address				U.S. EPAID N	Jumbar	-		
	Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles Horth of Knolls Grantsville, UT 84029				UTD991301748				
П	TIOUIDD FOOD	_							
П	9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Contain		11. Total	12. Unit Wt/Vol.	13. Waste Cod	es	
Ш	HM and Packing Group (if any))		No.	Type	Quantity	WUVOI.	1		
GENERATOR -	RO. UN3432. POLYCHLORINATED BIPHENYLS. SOL MIXTURE, 9, PG III	LID	1	CM	CST 11,340	K6		1000	
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189						-			
П		12	34 50						
	3.			1.10					
П		- 1110					- were	0 1	
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Ш	14. Special Handling Instructions and Additional Information	74	OX FERT		07				
Ш	1.CH807325B ERG#171	0	OX -KI	252	205			1	
П			211		. 11	7		- 0	
Ш	15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this	s consignment a	on fully and accurately des		hy the proper shi		rd are classified nac	kaned	
	marked and labeled/placarded, and are in all respects in proper condition for transport accommodate. Exporter, I certify that the contents of this consignment conform to the terms of the attached I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large	cording to applic ed EPA Acknowle	able international and nation edgment of Consent.	onal governme	ental regulations.	If export shipm	ent and I am the Prin	nary	
П	Generator's/Offeror's Printed/Typed Name			Chait			Month Da	y Year	
П		1		-	THE REAL PROPERTY.		1/01/2	2121	
1	Bas Cover		SISAL	(191	RY		10 2	2014	
INT	16. International Shipments Import to U.S.	Export from U	I.S. Port of ent	ry/exit:	3 4 (0.00)			_u	
Z	Transporter signature (for exports only):		Date leaving						
2	17. Transporter Acknowledgment of Receipt of Materials				100	energy and		100	
誾	Transporter 1 Printed/Typed Name	Sign	ature				Month Day	/ Year	
ANSPORTER							1111 17	21-201	
망	Gora Mckissick		17/10				Month Day	2014	
A	Transporter 2 Printed/Typed Name	Sign	BUSPE				MONIT DE	y Year	
出		1000			1.0				
4	18. Discrepancy								
Ш	18a. Discrepancy Indication Space Quantity Type		Residue		Partial Reje	ection	Full Re	iection	
Ш	al lours Gallaigh 5	7 100-	Manifest Reference	Sar		we	10-24-14		
-	18b. Alternate Facility (or Generator)	13(1)	Manifest Reference	Number:	U.S. EPA ID N	lumber	0 39119		
買				4				1 1 3 3	
F	Facility's Phone:				1				
日	18c. Signature of Alternate Facility (or Generator)	TE 1/15			RT.		Month Da	y Year	
DESIGNATED FACILITY		8 1		4.					
ESI	Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treated). 2.	tment, disposal,	and recycling systems)	77	IA		100		
	H132	3.					100	1	
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered	ed by the manife	est except as noted in Item	18a	20	14/11	2097	(7	
	Printed/Typed Name/		ature //	11/	- 10	001	Month Day	Year	
Į.	I Keeth Dunnelly	17	- Kest	116	MUNU	WILL	1012	1114	
EPA	Form 8700-22 (Rev. 3-05) Previous editions are obsolete.	- 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		DEGI	CNATER	ACILITY TO GE	MEDATOR	



LOAD DIODOCAL DECTINATION	9:36 10 24		
LOAD DISPOSAL DESTINATION	70780 1b GROSS 0 1b TARE		
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	70780 1b	NET	
LOAD TRACKING INFORMATION			
RECEIVED ZC. KG MAILED			
DATE LOAD NO. 10 Ce	10		
10-24-14 2014012097			
GENERATOR HAULER			
DOD 1 CH			
ORDER NO. DRUM, NO.			
1401633087 41331341 TRUCK NO. CONTAINER NO. (S)/ RAILCAR NO.	24/0ct/2014	10:41:03	
1427 CHRT 25203	GROSS Ibs.	70780	
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	TARE 1bs.	42700	
ED TT FB V OTHER 1 2 3 4	NET 1bs.	28080	
OPERATOR SIGNATURE COUNT DATE	MEI 105	12735kg	
	12	0	
LOAD WASHOUT INFORMATION WASHOUT S	ТАМР		
WASHOUT: TYPE:			
VES NO INTERIOR EXTERIOR		38	
WASHOUT SIGNATURE DATE			
(all Lilling 16-29. K)			
DRIVER SIGNATURE DATE	2		
		4	
ITEM COMMENTS	NAME	DATE	
ITEM COMMENTS			
ITEM COMMENTS WILLIAM DISCREPANCY			

WHITE - Facility

CANARY - Generator

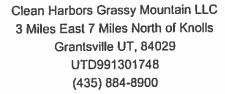
Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving

GOLD - Operations





CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Generator Contact Name:

Sales Order#:

1401533075

Date Received:

10/24/2014

Generator EPA ID: COD030446637 Load #:

14012183

Manifest #:

007753487FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41357120

8/18/2014

СМ

41357120/

PCB Solids For Landfill

10/27/2014

Landfill

Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Tuesday, October 28, 2014

Please print or type. (rorm designed for use on elite (12-pitch) typewriter.) Form Approved, OMB No. 2050-0039 UNIFORM HAZARDOUS, 1. Generator ID Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone (800) 483-3718 WASTE MANIFEST COD030446637 Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address **Dow Chemical Company** 3555 Moline Street SAME Aurora, CO 80010 Generator's Phone: (970) 256-8889 U.S. EPA ID Number 6. Transporter 1 Company Name albors ENU Sixs WIAD 0393 U.S. EPA ID Number 7. Transporter 2 Company Name U.S. EPA ID Number 8. Designated Facility Name and Site Address Clean Harbors Grassy Mountain LLC UTD991301748 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 884-8900 Facility's Phone: 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11 Total 12. Unit 9a. 13. Waste Codes and Packing Group (if any)) НМ Quantity Wt./Vol. No. Type C 57 RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID MIXTURE, 9, PG III X 340 BOX # 11 20986 14. Special Handling Instructions and Additional Information 1.CH807319B ERG#171 8-18-2014 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport eccording to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. Learlify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name Belief of 30b 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name GRNEST Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space Partial Rejection Foll-Rejection to use 21,240 lbs (9636 K4) ara FACILITY 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Day Month 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item, 18a Signature EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **DESIGNATED FACILITY TO GENERATOR**

SC PPW 8/10/2014



	- 1 to 1	. ,
LOAD DISPOSAL DESTINATION		
STABILIZATION RCRA CELL TSCA CELLED ST.		0 27 14 50 15 GROSS 0 15 TARE
LOAD TRACKING INFORMATION	6396	60 16 NET
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS	MANIFEST MAILED	
10.27.14 2014012184	27/0ct/2014	09:19:04
GENERATOR HAULER	GROSS 1bs.	63960
ORDER NO. DRUM NO.	TARE 1bs.	42720
1401533075 41357121	NET 1bs.	21240
TRUCK NO. 6 CONTAINER NO. (s)/ HAILCAR NO.		*
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	
ED G TT FB V OTHER 1 2 3 OPERATOR SIGNATURE COUNT	4 DATE	
OPERATOR SIGNATURE COUNT	DATE	
LOAD WASHOUT INFORMATION W	ASHOUT STAMP	
WASHOUT: TYPE:		
YES NO INTERIOR EXTERIOR	WHE CH	
WASHOUT SIGNATURE DATE		
DRIVER'SIGNATURE DATE	OCT 2 4 20.4	
	SY MOUNTAIN FACILITY	
ITEM COMMENTS	NAME	DATE
Weight discrepan	rcy - For Lived	10
		a coste
	2	
		5.

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533075

Date Received:

10/21/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011895

Manifest #:

007753488FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41223725

8/18/2014

СМ

41223725 /

PCB Solids For Landfill

10/21/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Shane B. Whitney **Authorized Agent**

Wednesday, October 22, 2014

_	_		ned for use on e	ite (12-pitch) typewriter.)	2. Plige 1 of	3. (900)/48	1993 Phanes	4. Manifest T	racking Numi	The state of the s	1000
11		ORM HAZARDOUS	- CODO	.0440001						1488	FLE
	3		eet LO 256-8889			Generator's Site Ad SAME					
	Gene	rator's Phone: Insporter 1 Company Nam	ne	5. V S	2 1			U.S. EPA ID N	umber 4LK	200000	7273
	0	H	hous	5 15	ve Anti	AN ROS	72ROD	MAD	0367	7770	7
	7. Tra	insporter 2 Company Nan	ne .					U.S. EPA ID N	umber		
	0 D-	in the English Name of	nd Cda Addrore					U.S. EPA ID N			
	3 G	signated Facility Name at lean Harbors G Miles East 7 M Irantsville, UT 8	liles North o		UTD	9913	0174	8			
	9a.	ty's Phone: 9b. U.S. DOT Descript	tion (including Propo	er Shipping Name, Hazard Cla	ss, ID Number,	10.	Containers	11. Total	12. Unit	13. Waste	Codes
	HM.	and Packing Group (if	any))			No.	Туре	Quantity	Wt_Vol.		
ENERATOR -	x	MIXTURE, 9		DRINATED BIPHE	NYES. SOLID	1	CM	11,340	KG-		
- GENER		2.									
		3.									
		4.							-		
Ш	14. 9	Special Handling Instruction	ons and Additional I	nformation			20 Al	3002	11		
П	1	. CH007025E		ERG#171			DEXI	2000	7		TEST TO
		CH 807319	AB		/		70	2003			
	19.0	marked and labeled/place	arded, and are in a	ION: Thereby declare that the I respects in proper condition insignment conform to the term int identified in 40 CFR 262.27	for transport according to app ns of the attached EPA Ackno	nt are fully and accura blicable international a wifedgment of Conse enerator) or (b) (if I are	itely described about and national gover nt. n a small quantity	ove by the proper shamental regulations generator) is true.	ipoino name,	and are classifie ment and I am If	d, packaged, ne Primary
П	Gene	erator's/Offero Printed/1	yped Name			ignature oN	Beha-1	F 0+		Month	Day Year
L	4	300 Cour	00			SBr	er Co	uer	-	10	20,2014
I'T'		nternational Shipments		rt to U.S.	Export from		nt of entry/exit: te leaving U.S.:				
$\overline{}$		nsporter signature (for exp Fransporter Acknowledgme		terials			7		311		
ANSPORTER		sporter 1 Printed/Typed N		1		ignature //	1		+	Month	Day Year
SPC	0	JAME	- 1 -	Grade		signature Ju	ay		- 7	Month	Day Year
AN	Tran	sporter 2 Printed/Typed N	lame		i	ngnature				- 1	
TR	18 [Discrepancy	200								
	_	Discrepancy Indication S	pace Qu	antity	Туре	Resid	1 1	Partial Re	jection	VI	Full Rejection
	1	Ktows	e 5M	weight of	9171Kg	Manifest Re	ference Number:	U.S. EPAID	21-14 Number	107	
店	18b.	Alternate Facility (or Gen	erator)	/				U.S. EFAID	Number		
ACI.											
DESIGNATED FACILITY	18c.	lity's Phone: Signature of Alternate Fa	icility (or Generator					N. T.		Month	Day Year
N.				10.1-0	and a second and a second at a second	en and marches	dome!				
	19.1	and the second	Management Meth	od Codes (i.e., codes for haza	irdous waste treatment, dispo		nettis)	4.			
10	,	H132						021	1/4	MA	
			r or Operator: Certi	ication of receipt of hazardous			d in Item 18a	201	4011	Month?	Day, Year
	Prin	ted/Typed Name	-1/	SILIUND	Us i	Signature	oct/	BUN	100le	10 VO	12/1/9



	LOAD DISPOS	AL DESTINATIO)N] -	
STABILIZAT	TION RCRA CELL	SPOT STABILIZATION	U 15 IARE		
		IG INFORMATIO		6222	20 lb NET
RECEIVED	#	/IEWED WEIGHTS (GRIDS MANIFEST MAILED		
10.0	1-14 2		95	21/0ct/2014	09:37:46
GENERATOR		HAULER		GROSS 1bs.	62220
ORDER NO.	1 W	TARE 16s.	41980		
140	1533075	NET 1bs.	20240		
TRUCK NO.	CONTAINER NO. (s)/				9179kg
1159	CFIFI	P20034			
CONTAINERT	/PE:	LOAD C	OUNT (RAIL ONLY):		
ED G T	T FB V OTHER	1	2 3 4		1
OPERATOR SIG	GNATURE	COUN	T DATE		3.
LOAI	D WASHOUT INFO	RMATION	WASHOUT S	TAMP	
WASHOUT:	TYPE:				
YES NO	INTERIOR	EXTERIOR			
WASHOUT SIG		DATE		*	
	111	10-21-14			
DRIVER SIGNA	TURE	DATE			
ITEM		COMMEN	TS	NAME	DATE
	Weight	Resolve	0		
	Disceopgn				
			1 - 35		
W= 1					
		-			
	30				

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

1401533075

Generator Address:

3555 Moline Street

Sales Order#;

Aurora, CO, 80010

Date Received:

10/9/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011419

Manifest #:

007753492FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description

Disposal Date

Method of Disposal

Disposal Facility

41035409

8/18/2014

41035409/

PCB Solids For Landfill

10/10/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Share B. Whitney Authorized Agent

Monday, October 13, 2014

Ple	ase pr	int of type. (Form desig	gned for use on elite (12-	oitch) typewriter.)				D	Form	Approved. OMB No	. 2050-0039
\bigcap	UNII	FORM HAZARDOUS ASTE MANIFEST	1. Generator ID Number 4	46637	2. Page 1 of	3. Emergency Respon		00		3492	FLE
	Gene	erator's Phone:	eet LO 256-8889			Generator's Site Addres	ss (if different li				
	1	ansporter 1 Company Nam Tinsporter 2 Company Nam	Hashors	ENI	Sucs	3. M.O.		U.S. EPAID	239	3 2725	0
	3		nd Site Address rassy Mountain L lifes North of Kno 4029 (435) 884-8900	lis		70		U.S, EPAID		01748	
	9a. HM	i -	ion (including Proper Shippin		Number,	10. Cont	ainers Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste Coo	les
GENERATOR -	x	1. RO. UN3432 MIXTURE, 9,	2. POLYCHLORIN/ , PG III	NTED BIPHENYL	S.SOLID	1	CM	est 11,340	K6		
- GENE	330	2.									
	213	3.		V			3			F 24	
		4.									
	1	ecial Handling Instruction CH807319B	ns and Additional Information	25/)	B0	X # a	1092		1 k #	1480	2
		marked and labeled/placar Exporter, I certify that the	PR'S CERTIFICATION: I her rded, and are in all respects contents of this consignment imization statement identifier ped Name	eby declare that the conte n proper condition for tran conform to the terms of th	nts of this consignment a sport according to applic e attached EPA Acknowl am a large quantity gene	ire fully and accurately d able international and na edgment of Consent. erator) or (b) (if I am a sn	ational governr	e by the proper sh nental regulations. nerator) is true.	ipping name, a	ind are classified, pad	nary
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	18a. C	Discrepancy Indication Spa	ace Quantity	Derch	ype 96	Residue	2.5A	Partial Rej	15	Full Re	jection
FACILITY		Alternate Facility (or Gener	ptor)		0	- Paramont Harongia	- GHILLGI	U.S. EPAID N			
DESIGNATED F	18c. S	y's Phone: Signature of Alternate Facil								Month Da	y Year
- DESIC	12	azardous Wasle Report Ma	anagement Method Codes (i	e., codes for hazardous w	aste Ireatment, disposal 3.	and recycling systems)		4.			
	Printe	d Typed Name	or Operator: Certification of re	Cellu		est except as noted in its	om-18a	Roo	1014	Month Da	Y Year
EPA	Form	8700-22 (Rev. 3-05) F	Previous editions are obs	olete.	(6-10-0		DES	GNATED F	ACILITY TO GE	NERATOR



LOAD DISPOS	AL DESTINATION	15:03 10 0	9 14
STABILIZATION RCRA CELL	TSCA CELLED STABILIZATION	60340 11 60340 11	b TARE
LOAD TRACKIN	IG INFORMATION	CD	
PLANT DROPPED FINAL CODE REV	VIEWED WEIGHTS GRIDS MANIFEST MAILED	The state of the s	
DN	AD NO.		
DATE	2014/11/11/10	09/0ct/2014	16:20:38
GENERATOR	HAULER		
DO(1)	GROSS Ibs.	60340	
ORDER NO.	TARE 1bs.	39100	
1401533075	WET lbs.	21240	
TRUCK NO. CONTAINER NO. (s)/			
	HP20923		
CONTAINER TYPE:	LOAD COUNT (RAIL ONLY):		
ED G TT FB V OTHER	1 2 3 4		
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011529

1401533075

10/13/2014

Manifest #:

Sales Order#:

Date Received:

007753490FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description

Disposal Date

Method of Disposal

Disposal Facility

41073442

8/18/2014

CM

41073442/

PCB Solids For Landfill

10/13/2014

Landfill

Grassy Mountain, UT

Facility

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> Shane B. Whitney Authorized Agent

Tuesday, October 14, 2014

NU 4	nnt or type. (Form desk IFORM HAZARDOUS WASTE MANIFEST	gned for use on elite (12-pitch)		2. Page 1 of 3	(BUU) 489	3718	4. Manifest	Tracking Num	pproved. OMB	FLE
5. Q	BushGhemidsha 3555 Moline Str Aurora, CO 800:	reet 10		G	enerator's Site Addre	ss (if different th	nan mailing addre		1450	
Gen	(970) erator's Phone:	256-8889								
6. Ti	ransporter 1 Company Nan	Chibors	Env S	LUC 5			U.S. EPAID		3222	50
7. Ti	ransporter 2 Company Nan	10	3				U.S. EPA ID	Number	70.	
1							U.S. EPAID UTD	Number 9913	01748	
Faci	lity's Phone:	(435) 884-8900	Learning Co.							
9a. HM	and Packing Group (if				10. Cont	tainers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste	Codes
X		POLYCHLORINATED PG III	BIPHENTES. SI)LIO	1	CM	C5+	16		
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Trans	sporter 2 Printed Typed Na			Signat	ure	1			Month	Day Yeaf
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18b.	Alternate Facility (or Gener	ator)			Manifest Referen	ce Number:	U.S. EPA ID N	lumber		
16b.	ly's Phone:		War and the second				100			2: \
18c.	Signature of Alternate Facil	ity (or Generator)			7				Month	Day Year
19. H	lazardous Waste Report Ma	anagement Method Codes (i.e., cod	es for hazardous waste tre	atment, disposal, a	nd recycling systems)		1.	T		
1.	H132	2.		3.			4.	1.11	on A	
		r Operator: Certification of receipt o	f hazardous materials cover			em 18a	201	1011	29	
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WASHOUT: TYPE:					
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DRIVER SIGNATURE	DATE 13 Oct 2014	GRASSY MOUNTAIN	N FACILITY		
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WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/13/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011520

Manifest #:

007753491FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41072153

8/18/2014

41072153/ CM

PCB Solids For Landfill

10/13/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Authorized Agent

Tuesday, October 14, 2014

DESIGNATED FACILITY TO GENERATOR

Form Approved. OMB No. 2050-0039 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) UNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number COD030446637 1 (800) 483-3718 **WASTE MANIFEST** 5. Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) **Dow Chemical Company** 3555 Moline Street Aurora, CO 80010 SAME Generator's Phone: (1970) 256-8889 6. Transporter 1 Company Name C+101 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Grassy Mountain LLC UTD991301748 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 (435) 984-8900 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 12. Unit 9a. 13. Waste Codes and Packing Group (if any)) Wt./Vol. Quantity НМ No Type RO. UNS432: POLYCHLORINATED BIPHENYLS: SOLID e5+ MIXTURE, 9, PG III X GENERATOR KG 30x # 20275 14. Special Handling Instructions and Additional Information CH807319 R 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name BeliaH 16. International Shipments Export from U.S. Import to U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature Day ANSPOR 10 Transporter 2 Printed/Typed Name Signature 严 18. Discrepancy m weights of 22,320 lbs (10250 kg 18a. Discrepancy Indication Space Full Rejection U.S. EPA ID Number 18b. Alternate Facility (or Generator) FACIL Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year DESIGN 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Nan Signature

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.



		7:53 10 64800	16 GROSS
LOAD DISPOSAL	DESTINATION	0 64800	
STABILIZATION RCRA CELL T	SPOT STABILIZATION		
LOAD TRACKING			
PLANT RECEIVED DROPPED FINAL CODE REVIEW	WEIGHTS GRIDS MANIFEST MAILED	00	
10-13-14 QU	NO. 10/1/520	13/8ct/2014	09:54:10
GENERATOR H	GROSS lbs.	64800	
Dow	TARE 1bs-	42480	
ORDER NO. 1401633075	Action DRUM NO. 41072153	NET 1bs.	22325
TRUCK NO. CONTAINER NO. (s)/ RAI			
1159 CHHPQ	0275		
CONTAINER TYPE:	LOAD COUNT (RAIL ONLY):		
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OPERATOR SIGNATURE	COUNT DATE		
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Date Received:

10/10/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011460

Manifest #:

007753489FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41047023

8/18/2014

41047023/

PCB Solids For Landfill

10/10/2014

Landfill

Grassy Mountain, UT

Facility

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> Share B. Whitney Authorized Agent

Monday, October 13, 2014

1	UNIF		1. Generator ID Number CODO30446		2. Page 1 of	3. Emergency (800)	Response Phone 183-3718	4. Manifest	Tracking Nu			LE
		nerator's Name and Mailin	ng Address Offipany			Generator's Site	Address (if differen	nt than mailing address		0.400		
	3	555 Moline Stri lurora, CO 8001	eet			SAME						- 1
	Gene	rator's Phone: (970)	256-8889									
	6. Tra	nsporter 1 Company Nam	whois En	11 5120	-			U.S. EPAID		3 222	750	,
1	7. Tra	nsporter 2 Company Nam	HOUTS AL	1 000			- X	U.S. EPAID		2000	100	
200	R Do	cionated Facility Name an	ul Sila Arklines		290000			U.S. EPAID	Jumber			
П	C	lean Harbors Gi Miles Fast 7 Mi	d Site Address rassy Mountain LLC iles North of Knolls							3017	48	
	G	rantsville. UT 84										
П	Facilit 9a.	y's Phone: 9b. U.S. DOT Description	on (including Proper Shipping Name	e, Hazard Class, ID Number		1	0. Containers	11, Total	12. Unit	47.10	facta Cada	
	нм	and Packing Group (if a	any)) P. POLYCHLORINATEL	CHOOK NET U S	NI NES	1	Іо. Туре	Quantity	Wt./Vol.	13. W	aste Code:	5
OR.	×	MIXTURE, 9,		DIFFIENTES. SC	LIU				11			
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등	100,71	normal Falling (or Control	au, y	/				0.0.217101	umbu			100
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DESIGNATED FACILITY	4		anagement Method Codes (i.e., cod	les for hazardous waste trea	atment, disposal,	and recycling sy	stems)		166			
	1.	H132	2.		3.			4.	- 111		. 1	
			Operator: Certification of receipt o	f hazardous materials cover	DI/		ed in Item 18a	- 2	014	0114	W	34
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LOAD SUMMARY RECORD

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ROW	CA		4
	DRUM NO.		
1401533075	41047023	40 (0). (004 4	10474407
TRUCK NO. CONTAINER NO. (s)/ R/		10/0ct/2014	10:36:07
1627 CHHP 20		GROSS lbs.	61580
CONTAINER TYPE:	LOAD COUNT (RAIL ONLY):	TARE 1bs.	41860
ED G TT FB V OTHER	1 2 3 4	NET 1bs.	19720
OPERATOR SIGNATURE	COUNT DATE	NCT 105+	8943K;
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WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Generator Contact Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

10/23/2014

Aurora, CO, 80010

Generator EPA ID:

COD030446637

Load #:

14011993

Manifest #:

007753494FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41270529

8/18/2014

CM

41270529 /

PCB Solids For Landfill

10/23/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Shane B. Whitney Authorized Agent

Monday, October 27, 2014

Form Approved OMP No. 2050 0020

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Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

10/22/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011954

Manifest #:

007753495FLE

Original Date Removed Unit CH ID# From Service Type

Unit Serial # / Type Customer ID Material Description Disposal Date Method of Disposal **Disposal Facility**

41246371

8/18/2014

СМ

41246371/

PCB Solids For Landfill

10/22/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Authorized Agent

Monday, October 27, 2014

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) SC PPW 8/10/2014 Form Approved. OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number (800) 483-37/18 COD030446637 1. WASTE MANIFEST Generator's Site Address (if different than mailing address) 5. Generator's Name and Mailing Address **Dow Chemical Company** 3555 Moline Street SAME Aurora, CO 80010 Generator's Phone: (970) 256-8889 U.S. EPA ID Number 6. Transporter 1 Company Name 7. Transporter 2 Company Name 8. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Grassy Mountain LLC UTD991301748 3 Miles East 7 Miles North of Knolls Grantsville. UT 84029 Facility's Phone: 10. Containers 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 11. Total 12. Unil 9a 13. Waste Codes and Packing Group (if any)) Quantity Wt Mol HM Type e 3 + RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID. GENERATOR MIXTURE, 9, PG III X 11,340 2. 14. Special Handling Instructions and Additional Information 1.CH807325B ERG#171 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's Offeror's Printed/Typed Name 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials Transporter Printed/Typed Name Signature Transporter Z Printed Typed Name 2 18. Discrepancy 18a. Discrepancy Indication Space Partial Rejection Quantity Full Rejection Der (8b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: DESIGNATED 18c. Signature of Alternate Facility (or Generator) Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item-48a. Printed/Typed Nam



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10-72-01
DRIVER SIGNATURE DATE
ITEM COMMENTS NAME DATE
Weight discrepancy - Resolved 23610 (
2300

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

10/15/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011658

Manifest #:

007753496FLE

Original Date Removed Unit CH ID# From Service Type

Customer ID

Material Description Disposal Date

Method of Disposal

Disposal Facility

41119211

8/18/2014

CM 41119211/ PCB Solids For Landfill

10/15/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Authorized Agent

Thursday, October 16, 2014

- CB-

Form Approved. OMB No. 2050-0039

WASTE MANFEST Developed Supposed Address Developed Supposed Address SAME SAME SAME SAME SAME U.S. EPA ID Number U.S.	UNIF	ORM HAZARDOUS	1. Generator ID Number	2. Page 1 of 3. E	mergency Respons 800) 483-3	e Phone 3718	4. Manifest T	racking Numb	496 F	ELE
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14. Special Handling Instructions and Additional Information 1. CH80 732 5 B ERG#171 Separate Plant Child Plant		1								
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Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1.		10/15/14		0	Manifest Refere	nce Númber:			-00	
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18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1.	F7	libra Dhanas						100		-
1. H1.32 - 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature Month Day	18c.	Signature of Alternate Fa	acility (or Generator)		27				Month I	Day
1. H1.32 - 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature Month Day	10 L	lazarrious Waste Report	t Management Method Codes fi.e., codes for	hazardous waste treatment, disposal, a	nd recycling system:	s)				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Company	_	0 0 0		3.		17.79	4.	2 P(V) (V)		
Printed/Typed Name Printe	20 F		er or Operator: Certification of receipt of haza	rdous materials covered by the manifest	except as noted in	Item 18a		11)14	4)11602	8
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Yduly P Yell	5	15 Oct 2014	GRASSY MOUNTA	IN FACILITY		
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CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533087

Date Received:

10/15/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011659

Manifest #:

007753497FLE

-	Date Removed From Service		Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
41119212	8/18/2014	CM	41119212/	PCB Solids For Landfill	10/15/2014	t.andfill	Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Authorized Agent

Thursday, October 16, 2014

FACILITY 18b. Alternate Facility (or Generator) Facility's Phone: DESIGNATED Year 18c. Signature of Alternate Facility (or Generator) Month Day 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H132 20. Designated Facility Owner or Operator; Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Nam EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **DESIGNATED FACILITY TO GENERATOR**



LOAD DISPOSAL DESTINATION	9:00 i8 58540	
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	58540 58540	tb TARE
LOAD TRACKING INFORMATION		
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED	(D)	10:17:00
DATE LOAD NO	15/0ct/2014	10:17:20
10 15 14 2014011659	GR089 1bs.	58540
GENERATOR HAULER	TARE Ibs.	41520
ORDER NO. DRUM NO.	NET 1bs.	17020
1401533087 41119212		
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.		
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):		
ED G TT FB V OTHER 1 2 3 4		
OPERATOR SIGNATURE COUNT DATE		\$
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WASHOUT SIGNATURE DATE 10-15-14 DATE DATE DATE DATE DA	NAME	DATE 1122/9



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/15/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011660

Manifest #:

007753498FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal **Date**

Method of Disposal

Disposal Facility

41119209

8/18/2014

CM

41119209 /

PCB Solids For Landfill

10/15/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Authorized Agent

Thursday, October 16, 2014

\uparrow		FORM HAZARDOUS ASTE MANIFEST	CODO3044663	7	2. Page 1 of	3. Emerc (80	O 483	se Phone 3718	4. Manifest	7753	3498	FLE
	3	neralog Name and Main 1955 Moline Stro Aurora, CO 8001	eet .0		~	Generato		is (if different th	nan mailing addre	ss)		
		erator's Phone:	256-8889		1 = 15	De la	- 10		U.S. EPA ID	Number		
	(ansporter 2 Company Name	Harbors Ex	ou Si	105				4 50	393 2	1225	70
	7.770	insporter a company trans	- PU						- Trans	1		
		signated Facility Name and					184	Wi Bi	U.S. EPA-IQ		1007	CIPPO IN S
	3 G	Miles East 7 Miles East 7 Miles East 7 Miles	essy Mountain LLC lles North of Knolls 1029 (435) 884-8900	,					טדט 	9913	0174	8
	9a.	9b. U.S. DOT Description	on (including Proper Shipping Name, Hazar	rd Class, ID Number,			10. Cont	_	11. Total	12. Unit Wt./Vol.	13. Waste	e Codes
	нм	and Packing Group (if a				-	No.	Туре	Quantity 25+	AACAADI.		
GENERATOR	x	RO. UN3432 MIXTURE, 9,	POLYCHLORINATED BIP PG III	HENYLS. SO	LID		1	Cm	11,340	K6		
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	14. S	pecial Handling Instruction	s and Additional Information		10°		Pox	1 #	HP 2	1151		
П	1	.CH807325B	ERG#171						-	I	1/2	
			001	8-18-2	lin			77	DK#	= 16	00	
	15.	GENERATOR'S/OFFERO	R'S CERTIFICATION: I bereby declare the	at the contents of this	s consionment	are fully ar	nd accurately o	described above	e by the proper sl	hipping name, a	ind are classified	d, packaged,
Ш	10	Exporter, I certify that the	rded, and are in all respects in proper condi- contents of this consignment conform to the	e terms of the attache	ed EPA Acknow	ledgment :	of Consent.			s. If export ships	nent and I am th	ne Primary
	7	I certify that the waste min	imization statement identified in 40 CFR 26	32.27(a) (if I am a larg	ge quantity gen	erator) or i	(b) (if I am a sr	mall quantity ge	enerator) is true.	7	Month	Day Year
Ш	Gene	erator s Unieror's Printed Ty				7	0	CHAR	9	-	1101	14/2014
1,1	16. In	nternational Shipments	Import to U.S.		Evened from	110	Port of	entry/exit:			1,0	TTWEE
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吊		ransporter Acknowledgmen			g.	inativo	0				Month	Day Year
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1	18. D	iscrepancy									В	
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1					- "	114	eilast Dalama	on Number				1.60
≥	18b. /	Alternate Facility (or Gener	alor)	3/		Ma	nifest Referen	or number	U.S. EPA ID	Number		
등									100	1979		
FA	Facili	ity's Phone:			New York						Month	Day Year
DESIGNATED FACILITY	18c. 9	Signature of Alternate Facilities	iny (or Generator)								MOUNT	Uay Teal
SN SN	19. H	lazardous Waste Report M	anagement Method Codes (i.e., codes for I	hazardous waste trea	atment, disposa	al, and recy	cling systems)				
DES	1.	H132	2.		3.			(1)	4.		T. N.	
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	$\overline{}$	lesignated Facility Owner of ed/Typed Name	r Operator: Certification of receipt of hazan	uous materials cover		pattire	AAA	GIII 10a	11/	201	Morith	Day Year
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EP/	Form	8700-22 (Rev. 3-05) I	Previous editions are obsolete.			7	-	- 10	DES	SIGNATED I	ACILITY TO	GENERATOR



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PLANT RECEIVED DROPPED FINAL CODE REVI	EWED WEIGHTS	GRIDS MANIFEST MAILED	CD	
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10/15/14	30H01	1660	GROSS 1bs.	65720
GENERATOR	HAULER	. 1	TARE Ibs.	43040
DOW	NET 1bs.	22680		
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TRUCK NO. CONTAINER NO. (s)/ F	RAILCAR NO.	1001		
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CONTAINER TYPE:	LOAD	COUNT (RAIL ONLY):		
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OPERATOR SIGNATURE	COU	NT DATE		
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CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/17/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011764

Manifest #:

007753500FLE

Original Date Removed Unit CHID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41165257

8/18/2014

41165257 / CM

PCB Solids For Landfill

10/17/2014

Landfill

Grassy Mountain, UT

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Shane B. Whitney

Monday, October 20, 2014

Plea		nt or type. (Form desig									pproved. OMB N	0. 2000-0038
1	UNIF W/	FORM HAZARDOUS ASTE MANIFEST	1.Generator ID No.	0446637	2. Page 1	of 3. Emerge	Cy Respons	3718		7753		FLE
	5. G g	SWYCHAPAREN W	o Address			Generator's	Site Address	s (if different th	an mailing addre	ss)		10
Ш		555 Moline Str				SAME						
Н	A	urora, CO 8001 rator's Phone: (970)	256-8889	-		7						
	6. Tran	nsporter 1 Company Nam	ie e	- A		3372		All Control	U.S. EPA ID	Number		
	C	Pau Ho	hor	5 Eur	Sires				[MA]	039	3 222	50
	7. Tra	sporter 2 Company Nam	ne			3			U.S. EPA ID I			
	- 43										100	
	1000	signated Facility Name an ean Harbors Gu		minIIC					U.S. EPA ID I	204		
2	3	Miles East 7 Mi	iles North of	Knolls	2				UTD	9913	01748	
	G ₁	rantsville. UT 84 ys Phone:	1029 (435) 884-1	2000					T			
	9a.			Shipping Name, Hazard Clar	ss, ID Number,		10. Conta	iners	11. Total	12. Unit	40.111.4.0	405
	НМ	and Packing Group (if a	any))			V. 20	No.	Туре	Quantity	WL/Vol.	13. Waste Co	des
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li	15. G	GENERATOR'S/OFFERO	R'S CERTIFICATIO	N: I hereby declare that the	contents of this consignme	ent are fully and	accurately de	scribed above	by the proper sh	ipping name, a	nd are classified, pa	ckaged,
Ш	П	narked and labeled/placar	rded, and are in all n	espects in proper condition for ignment conform to the terms	or transport according to ap	opticable internat	ional and nat Consent.	tional governm	ental regulations.	. If export shipm	nent and I am the Pr	imary
	_1	certify that the waste mini	imization statement	identified in 40 CFR 262.27(a	a) (if I am a large quantity g	generator) or (b)	(if I am a sm			,	Month D	ay Year
	Gener	ator's/Offeror's Printed/Typ	and Manager			Signature	م	-	halt c		+1011	77
*	16. Inte	emational Shipments	over				-		esur	_	1011	6 1014
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	18b. Al	Itemate Facility (or General	ator)		0				U.S. EPA ID I	lumber		
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	18c. Si	/s Phone: ignature of Alternate Facil	ity (or Generator)		-				* -		Month [ay Year
M								*				Les
DESIGNATED FACILITY	19. Ha	zardous Waste Report Ma	anagement Method	Codes (i.e., codes for hazard	ous waste treatment, dispo	osal, and recycli	g systems)	*				-(J
ᆱ	1.1	H132		2.	3	3.			4.			
			Operator Cartifica	ion of receipt of hazardous n	nalorials covered by the	anifed avenue of	normal in the	m JBa	1	01/1/1	112/0	1
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1		LAI	uhl	nadling	1)	191	111	MAI	7/17/1	1	1/01/-	714
PA	Form	8700 22 (Rev. 3-05) P	revious editions	are obsolete.	Server .		1	1.00	DES	IGNATED F	ACILITY TO GI	ENERATOR



LOAD DISPOSA	AL DESTINATION	ON	-				
STABILIZATION RCRA CELL	TSCA CELL 66	SPOT	ń				
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RECEIVED	D NO.	AS IDIT		61940 1 0 1 61940-1			
	20140 1174 Thauler	C04		*			
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TRUCK NO. CONTAINER NO. (s)/ F	TARE	lbs.	40080				
1599 259	TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.						
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WASHOUT SIGNATURE	DATE 10-17-14	OCT 17					
"	10 117		123				
DRIVER SIGNATURE ()	DATE	OCITI			* 11 f		
DRIVER SIGNATURE	DATE 17 Oct 2014	GRASSY MOUNTA			1		
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HALT HAS WE DISCU	M Oct 2014	GRASSY MOUNTA		NAME	DATE		
HALT HAS WE DISCU	M Oct 2014	GRASSY MOUNTA		NAME	DATE		





Clean Harbors Grassy Mountain LLC PO Box 22750 Salt Lake City UT, 84122 UTD991301748 (435) 884-8900

CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/20/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011861

Manifest #:

007753501FLE

Original Date Removed Unit CH ID# From Service Type

Unit Serial # /
Type Customer ID

Material Description

Disposal Date Method of Disposal **Disposal Facility**

41205879

8/18/2014

СМ

41205879 /

PCB Solids For Landfill

10/20/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Authorized Agent

Tuesday, October 21, 2014



LOAD DISPOSAL DESTINATION		
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	12:04 10 64500	20 14 1b GROSS
LOAD TRACKING INFORMATION		1b TARE
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED	CD 64500	1b NET
10.20-14 2014011861		
GENERATOR HAULER		
ORDER NO. DRUM NO.	, 20/0ct/2014	13:40:24
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	GROSS 1bs.	64500
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	· · · · · · · · · · · · · · · · · · ·	
ED G TT FB V OTHER 1 2 3 4	TARE 1bs.	42480
OPERATOR SIGNATURE COUNT DATE	NET 1bs.	22020
		9986Kg
LOAD WASHOUT INFORMATION WASHOUTS	TAMP	
WASHOUT: TYPE:	17AMIL	
WES NO INTERIOR EXTERIOR		
WASHOUT SIGNATURE DATE		
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CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/20/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011850

Manifest #:

007753502FLE

Original Date Removed Unit CHID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41193162

8/18/2014

CM 41193162/ PCB Solids For Landfill

10/20/2014

Landfill

Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Shane B. Whitney Authorized Agent

Tuesday, October 21, 2014

1	UNI		1. Generator ID Number C O D 0 3 0 4 4 6 6		2. Page 1 of 1	3. Emergency Respons (800) 483-3	e Phone 3718		7753		FIF
9.8925	5. Ge	nerators Name and Mail Fow Chemical C 1555 Moline Str Aurora, CO 8001	eet		15	Generator's Site Address	i (if different ti	an mailing addres	s)		
		erator's Phone: (970)	256-8889		- 1						
		ansporter 1 Company Narr	ne	30-2		test in the second		U.S. EPA ID N			
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Clean Harbors Grassy Mountain Facil	ity Tooele County Utah			

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Grassy Mountain LLC PO Box 22750 Salt Lake City UT, 84122 UTD991301748 (435) 884-8900

CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

Generator EPA ID:

3555 Moline Street

Aurora, CO, 80010

Generator Contact Name:

COD030446637

Load #:

14011689

1401533075

10/15/2014

Manifest #:

Sales Order#:

Date Received:

008127085FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41131399

8/18/2014

CM 41131399/ PCB Solids For Landfill

10/15/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Share B. Whitney Authorized Agent

Friday, October 17, 2014

1	A	urora, CO 80010 rator's Phone: (970) 256-9889	THE STATE OF THE S						
6	C	regorier 1 Company Name Jean Houbors Env SUCS		30 S	U.S. EPAID	Number 23932	122	250	
7	Trai	nsporter 2 Company Name			U.S. EPA ID	Number			
8	. Des	signated Facility Name and Site Address			U.S. EPA ID	Number	-	-	
F	3	ean Harbors Grassy Mountain LLC Miles East 7 Miles North of Knolls rantsville. UT 94029 ys Phone: (435) 884-8900			UTD I	9913	017	48	
	a. IM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10, Cont	ainers Type	11. Total Quantity	12. Unit Wt./Vol.	- 13.	Waste Code	es .
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CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

10/24/2014

Aurora, CO, 80010
Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012102

Manifest #:

007753504FLE

Original Date Removed Unit CH ID# From Service Type

Unit Serial # /
Type Customer ID

Material Description Disposal Date Method of Disposal **Disposal Facility**

41332376

8/18/2014

CM 41332376/

PCB Solids For Landfill

10/24/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Share B. Whitney

Monday, October 27, 2014

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WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving

GOLD - Operations



Clean Harbors Environmental Services 2474 N HWY 169 COFFEYVILLE, KS 67337

620.251.6380 Fax 620.251.2822 www.cleanharbors.com

November 18, 2014

Dow Chemical Company 3555 Moline St. Aurora, CO 80010

RE: Sales Order #: 1402713989

Enclosed please find a signed copy of your shipping document, which indicates acceptance of your waste at our Clean Harbors PPM facility in Coffeyville, Kansas.

Shipping Document Number: 007787258FLE

Date Received: 11/15/14

In accordance with 40 CFR 264.12(b), Clean Harbors PPM, LLC-Coffeyville Facility has the appropriate state and federal permits to accept, store, and/or treat the waste you shipped to our facility. This letter should be kept on file with your copy of the signed manifest.

We appreciate your business. If you have any questions, please contact your Facility Service Representative at (620) 251-6380.

Sincerely,

Richard L. Bevans

Facility General Manager

Enclosure(s)

14 W M

	1		Generator ID Number	2. Page 1 of	3. Emergency Respo	osa Phona	4 Manifes	t Tracking Nu		ONID ING.	2000-003
$ \uparrow $	V	VASTE MANIFEST	COD030446637	2	(800) 483	3718	0.0	778	725	8 F	LE
1000	Gen	enerator's Name and Mailin Dow Chemical Co 1555 Moline Stre Nurora, CO 8001 erator's Phone: (1970)	ret 0 25 6 -8889		Generator's Site Addre	ess (il different ti	nan mailing addr	ess)			
Н	6. Ti	ransporter 1 Company Nam	wironmental Services Inc			150	U.S. EPA ID				
		ransporter 2 Company Nam				-	U.S. EPA ID	DO39 Number	3222	50	-
	9.0	C Cary	Harbors Envir	Services	- /NC			39322	250		
	02	lean Harbors PF 474 Hishway 16 offerville. KS 67	PM LLC 39 North				W.S. EPATO	981	5060	25	•
	9a. HM	9b. U.S. DOT Description and Packing Group (if a	on (including Proper Shipping Name, Hazard Class, sny))	ID Number,	10. Con	tainers Type	11, Total Quantity	12. Unit Wt./Vol.	13. V	Vaste Code	s
GENERATOR -	x		RONMENTALLY HAZARDOUS G. (POLYCHLORINATED BIPHE) DID MOT S	NYLS), 9, PG III	ĮT.	器	25	3	TR		
- GENE	×	-FIGNID' H'O'E	ROMMENTALLY HAZARDOUS MOLYCHLORINATED BIPHEI	WLSI. 9. PG III	701	TP	20	6		-6	
		3.	short Beating 19 F	15-71							
		4.				7					
	1	Special Handling Instructions CH860817 CH860817	s and Additional Information ERG#171 ERG#171	22F65 TOT2	BON	5		4			
	0.15	marked and labeled/placam Exporter, I certify that the or I certify that the waste minit	R'S CERTIFICATION: I hereby declare that the co- ded, and are in all respects in proper condition for to ontents of this consignment conform to the terms of mization statement identified in 40 CFR 262.27(a) (ansport according to applica the attached EPA Acknowle if I am a large quantity gener	ble international and n dgment of Consent. ator) or (b) (if I am a s	ational governm	ental regulations	hipping name, s. If export ship	and are class ement and I a	ified, packa m the Prima	ary
	Gene	rator's/Offeror's Printed/Typ	B Cover	Sign	Bal-	elclf.	of		Mont	h Day	Year En ut
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DESIGNATED FACILIT		ly's Phone: Signature of Alternate Facilit	y (or Generator)	140	10				Mont	th Day	Year
121	19. H	azardous Waste Report Mar	nagement Method Codes (i.e., codes for hazardous	waste treatment, disposal,	and recycling systems)	-		LH IC		- 2	
	1	1141	^{2.} H141	3.			4.				
			Operator: Certification of receipt of hazardous mate	erials covered by the manifes	t except as noted in Ite	em 18a				- 0	
11	Tinte	d/Typed Name	tee I Man	1 /	So OM	the			Mont	h Day	Year
PA	Form		revious editions are obsolete.		ecol-	SMVO	DES	IGNATED I	FACILITY	TO GEN	FRATOR

se print or type. (Form designed for use on elite (12-pitch) typewriter.) 1INIFORM HAZARDOUS WASTE MANIFEST 21. Generator ID Number	AND CONTROL OF	22. Page	23 Man	ifest Tracking Nu	Form A	pproved, OMB No. 20
(Continuation Sheet)	1237	2/	3 00		8725	58 FUR
24. Generator's Name Dow Chemical Compon 25. Transporter 3 Company Name Clean House Fro		Malan V		A SHOW		
Low Chemical Compon	y	Market District	-			
25. Transporter Company Name /	1 5001	100		U.S. EPA ID	Number	22200
26. Transporter Company Name	U. SCIV	Or C		U.S. EPA ID	Number Number	44470
27a. 27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		28. Contai	Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
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32. Special Handling Instructions and Additional Information				tal Comme		
33. Transported Acknowledgment of Receipt of Materials				All Tables		
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34. Transporter Acknowledgment of Receipt of Materials	Luga	ullas		any	√ √ 3	
Printed/Typed Name	Signature					Month Day
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatm	nent, disposal, and rec	ycling systems)			T	
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CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/29/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012270

Manifest #:

008127076FLE

Original Date Removed Unit CHID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41409789

8/18/2014

CM 41409789 / **PCB Solids For Landfill**

10/29/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Thursday, October 30, 2014

orm Approved OMB No. 2050-0039

uniform Hazardous	igned for use on elite (12-pitch) type 1. Generator ID Number	2	2. Page 1 of 3. Em	rgency Respor	nse Phone	4. Manifest Tr		7076	
WASTE MANIFEST	COBOSCITAG	31	(The state of the			an mailing address		1010	
5. Generator's Name and Ma Dow Chermical (3555 Moline St Aurora, CO 800 (970 Generator's Phone:	reet			ME					
6. Transporter 1 Company No.	ime		117			U.S. EPAID N		8 400	0
7 Transporter 2 Company N	and					U.S. EPA ID N	900		
8. Designated Facility Name Glean Harbors 3 Miles East 7 Grantsville, UT Facilitys Phone:	Grassy Mountain LLC Miles North of Knolls		2			U.S. EPAID N		0174	9
	iption (including Proper Shipping Name, I-	lazard Class, ID Number,	200	10. Cor No.	ntainers Type	11 Total Quantity	12. Unit WL/Vol	13. Wast	Codes
1.00	2. POLYCHLORINATED	SIPHENYLS SOLI	ID	1	Cm	11,340	KG		
2.				192					
3.	TO TAKE			-					
4.									
14. Special Handling Instruc	tions and Additional Information	4 4 6	0	Sov	HP	20	003	38	
1_CH807319B			1		70174	20			
16 GENERATOR'S/OFFE	name anomeration thanks don't	-18-2019	consisément are full	and accurately	v described abov	e by the proper sh	ipping name.	and are classifie	d, packaged,
marked and labeled/pl Exporter, I certify that I I certify that the waste	acarded, and are in all respects in proper the contents of this consignment conform minimization statement identified in 40 C	condition for transport according to the terms of the attached	ording to applicable i I EPA Acknowledgm e quantity generator)	ternational and int of Consent. or (b) (if I am a	small quantity g	тепы геушановь.	If export ship	oment and I am t	he Primary Day Ye
Generator's/Offeror's Printer	Typed Name		Signature	300		out	0		2740
16. International Shipments Transporter signature (for e	Import to U.S.		Export from U.S.		of entry/exit: leaving U.S.:		7 N		4 -
17. Transporter Acknowledg Transporter 1 Printed/Typed	ment of Receipt of Materials	7	Signature	1		1)	7	Month	Day Ye
Transporter 2 Pfinted/Typed	R HO	m5	Signature	54	(Ide	Wight Pa		Month	Day Ye
18, Discrepancy	20 W E 3 W	1000			17.07				
18a. Discrepancy Indication	Space Quantity eigh	to of 1818	00165,	Residue Manifest Refer	rence Number	Partial Re	inch	Lave	Full Rejection
18b. Alfernate Facility (or G	enerator)					U.S. EPAID I	Yumber		
18b. Alfernate Facility (or G Facility's Phone: 18c. Signature of Alternate I 19. Hazardous Waste Repo	-acility (or Generator)							Month	Day Y
19. Hazardous Waste Repo	rt Management Method Codes (i.e., code	es for hazardous waste treat	tment, disposal, and	recycling system	ns)	14.			D A
HISZ				200	11		1/6	10/5	770
20. Designated Facility Own Printed/Typed Name	ner or Operator: Certification of receipt of	hazardous materials covere	ed by the manifest ex	cept as noted in	n item 18a	3		Month	Day Ye
A Form 9700 22 (Day 2.0	5) Previous editions are obsolete.	cellul	5	JULA	0 1	N/UL	GNATE	FACILITY T	O GENERA



	10:19 10 29 14	
LOAD DISPOSAL DESTINATION	59560 15 GROSS 0 15 TARE	
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	59560 1b NET	
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DATE LOAD NO.	29/0ct/2014 12:18:36	
10/29/14 20/40/2270	GROSS 1bs. 59560	
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ED G TT FB V OTHER 1 2 3 4 OPERATOR SIGNATURE COUNT DATE		
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah	6	
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WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533075

Date Received:

10/28/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012227

Manifest #:

008127077FLE

Original Date Removed Unit CH ID# From Service Type

Unit Serial # /
Type Customer ID

Material Description Disposal Date Method of Disposal

Disposal Facility

41379714

8/18/2014

CM

41379714/

PCB Solids For Landfill

10/28/2014

Landfill

Grassy Mountain, UT Facility

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Shane B. Whitney
Authorized Agent

Wednesday, October 29, 2014

WASTE MANIFEST	ned for use on elite (12-pitch) typewr 1. Generator ID Number CODO3044663	2. Page 1	of 3. Emergency Resp (800) 483		14. Manifes	Tracking Nun	Approved. OMB I	No. 2050-00
5. Generator's Name and Mailin Dow Chernical Co 3558 Motine Stre Aurora, CO 8001 Generator's Phone: (970)	impany 1et .0 256-8889		Generator's Site Add	lress (if different t	han mailing addre	PSS)		
6 Transporter 1 Company Name	Harbors &	my Su	25			0393	2225	50
Designated Facility Name and	Lange Sage 181		yes a g		U.S. EPA ID			
3 Miles East 7 Mil Grantsville, UT 84	les North of Knolls		m.		ם זט ו	9913	01748	
9a. 9b. U.S. DOT Descriptio HM and Packing Group (if an	n (including Proper Shipping Name, Hazar ny))	rd Class, ID Number,	10 Co No.	ntainers Type	11 Total Quantity	12. Unit Wt./Vol	13, Waste C	odes
x NO. UN3432. MIXTURE, 9, 1	POLYCHLORINATED BIP PG III	HENYLS. SOLID	1	CM	11,340	K6		
2.								
3.								
4.								
14. Special Handling Instructions 1. CH807319B	ERG#171	Į	30 X =	+ 2: < #	513	7)		
Exporter, I certify that the co- I certify that the waste minim Generator's/Offeror's Printed/Type	"S CERTIFICATION: I hereby declare that ed, and are in all respects in proper condition tents of this consignment conform to the trization statement identified in 40 CFR 262 at Name	at the contents of this consignment tion for transport according to app terms of the attached EPA Ackno 2.27(a) (if I am a large quantity ge	t are fully and accurately licable international and a wledgment of Consent. nerator) or (b) (if I am a s	described above national government	by the proper shi ental regulations. erator) is true.	naina dama an	ent and I am the Pr	imary ay Year
16. International Shipments Transporter signature (for exports	Import to U.S.	Export from		entry/exit:aving U.S.:				701/
17. Transporter Acknowledgment of Transporter 1 Printed/Typed Name Gary WFk 5		Si	gnature				Month Da	y Year
Transporter 2 Printed/Typed Name 18. Discrepancy		· · · · · · ·	gnature	100			Month Da	1 1 1
18a. Discrepancy Indication Space	Quantity	Туре	Residue		Partial Reje	ction	Full Re	ejection
18b. Alternate Facility (or Generate	ir)	4	Manifest Referen	ice Number	U.S. EPA ID NO	ımber		
Facility's Phone: 18c. Signature of Alternate Facility	(or Generator)					3	Month Da	ay Year
19. Hazardous Waste Report Mana I. H132	agement Method Codes (i.e., codes for haz	zardous waste treatment, disposa 3.	I, and recycling systems)		4.			
20. Designated Facility Owner or O	perator: Certification of receipt of hazardor	us materials covered by the mani	est except as noted in Ite	em 18a	2	014	3/0000	37



	LOAD DISPOSAL DESTINATION			
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			11470 Kg	

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Generator Contact Name:

Sales Order#:

1401533075

Date Received:

10/27/2014

Generator EPA ID:	COD030446637		Load #:	14012	
			Manifest #	00812	27078FLE
	0.11.00 0.11.14.1	BE-41-1	Disposal 6	Inthod of	Disposal Eacility

Original Date Removed Unit Material Disposal Method of Disposal Facility Serial # / Description Date Disposal CH ID# From Service Type **Customer ID** Grassy Mountain, UT 10/27/2014 Landfill PCB Solids For Landfill 41361724 8/18/2014 CM 41361724/

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Tuesday, October 28, 2014

1	UNIF	ORM HAZARDOUS	1. Generator ID Number C·O D O 3 O 4	The same of the same of the same of		2. Page 1 of 1	3. Emerg	ency Respons D) 483-	se Phone 3718	4. Manifest	Tracking Num 1812	707	8 F	LE
	35 A		eet	, ii			Generator SAM		s (if different	than mailing addre	ess)		4.5	
	6. Tran	rator's Phone: Insporter 1 Company Nam	b-10015	ENV	Six	25	2				0393	22	25	0
		nsporter 2 Company Nam	5 S							U.S. EPA ID				
	3	Miles East 7 M rantsville. UT 84	d Site Address rassy Mountain L lies North of Kno 4029 (435) 884-8900	As							99913	017	48	
П	Facility 9a. HM	y's Phone: 9b, U.S. DOT Descripti and Packing Group (if a	on (including Proper Shippin		, ID Number,		F	10. Cont	ainers Type	11. Total Quantity	12. Unit Wt./Vol.	13. V	Vaste Code	s
GENERATOR -	x	1 RO. UN3432 MIXTURE, 9,	POLYCHLORINA PG III	NTED BIPHEN	rls. sol	.ID		1	CM	est 11,340	KG			
SENE SENE		2.												
		3.										1		
	15.00	4.												75 (8)
100	15. 6	CH807319B	is and Additional Information ERG# OR'S CERTIFICATION: Their	171 <i>F-/8</i> - 2 reby declare that the co	ontents of this	consignment a	are fully and	d accurately d	lescribed abo	ve by the proper si	hipping name, a	and are class	sified, pack	aged,
	E	exporter, I certify that the	contents of this consignment imization statement identifier	conform to the terms of	of the attached	d EPA Acknowle e quantity gene	ledgment o	f Consent.	BA (A)			Mont	7	Year
=1		emational Shipments	Import to U.S.			Export from U	U.S.		entry/exit:					
_	17. Tra	porter signature (for expo ansporter Acknowledgmen	t of Receipt of Materials	Part Line				Date lea	111	EAT				
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ΠЕ		screpancy hiscrepancy Indication Spa	ace Quantity		Туре	1		Residue		Partial Re	jection		Full Reje	ection
1111	18b. Al	Itemate Facility (or Gener	se GN	Wer	glt	031	152 _{Map}	Hern Referen	be Number: T	U.S. EPAID	Number	Lav	eyly	d ki
		/s Phone: ignature of Alternate Faci	lity (or Generator)								<u>.</u>	Mon	th Day	Year
L	ı	H132	anagement Method Codes (i			3.				4	<u> </u>	1(0)	110	
		signated Facility Owner of ITTyped Name	Operator: Certification of re	ceipt of bázardous ma	terials covered		palure	Keu	H11418a	Tunk	ello	Mont	h Day	7 / / /



LOAD DISPOSA	L DESTINATION	ON		10:58 10	
STABILIZATION RCRA CELL	TSCA CELL BU	SPOT		76100 0 76100	1b TARE
LOAD TRACKIN	G INFORMATI	ON	CD		
PLANT RECEIVED DROPPED FINAL CODE REV	EWED WEIGHTS	GRIDS MANIFEST MAILED	27/0	ct/2014	12:23:32
DATE	D NO.				
10-21-14 6	201401:	2196	GRUS	S lbs:	76100
GENERATOR	TARE	lbs:	42200		
DAW	CH	100 TO 100 T	NET	lbs.	33900
ORDER NO.	DRUM NO.	7011			16374Kg
1401533075	191561	724			
TRUCK NO. CONTAINER NO. (s)/	RAILCAR NO.				
1599 CHKT	24009		=		
CONTAINER TYPE:	>1	COUNT (RAIL ONLY):			
ED G TT FB V OTHER	1	2 3 4			
OPERATOR SIGNATURE	COU	DATE DATE		6 - 2	
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DRIVER SIGNATURE	27 Oct 2014	GRASS 1	W18 8		*
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WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533075

Date Received:

10/27/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012185

Manifest #:

008127079FLE

Original Date Removed Unit From Service Type CH ID#

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41358102

8/18/2014

41358102/

PC8 Solids For Landfill

10/27/2014

Landfill

Grassy Mountain, UT

Facility

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> Share B. Whitney Authorized Agent

Tuesday, October 28, 2014

	Generator ID Number		Emergency Respo		4. Manifest	Tracking N	umber	10
WASTE MANIFEST	COD030446637		(800) 483	The state of the s			2707	9 FL
5. Generator's Name and Mail Dow Chemical C 3555 Moline Str Aurora, CO 800: Generator's Phone: (970)	ompany set 1.0 1.256-8889		nerator's Site Addre	ess (if different t				
6. Transporter 1 Company Nar 7. Transporter 2 Company Nar	1 Resources	Y YUN TO			U.S. EPAID ALK U.S. EPAID	0000	20757.	3
8. Designated Facility Name ar		Control Street	T May		U.S. EPAID	Number	6	
Clean Harbors Gi 3 Miles East 7 M Grantsville, UT 8- Facilitys Phone:	rassy Mountain LLC iles North of Knolls 4029 (435) 884-8900				OTD I	991	3017	48
9a. 9b. U.S. DOT Descript and Packing Group (if	ion (including Proper Shipping Name, Hazard Class	s, ID Number,	10. Con No.	tainers Type	11. Total Quantity	12. Unit WL/Vol.	13.	Wasle Codes
x RO. UN3432 MIXTURE, 9,	POLYCHLORINATED BIPHEN PG III	YLS. SOLID	1	CM	est 1,340	16		Ny di
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LOAD TRACKING INFORMATION		
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED	CD	
DATE LOAD NO.		
10/27/14 20/40/21895		
GENERATOR HAULER ACTION		
ORDER NO. DRUM NO.		
140/533075 41358102		
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.		
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CONTAINER TYPE: LOAD COUNT (RAIL ONLY):	GROSS 1bs.	71940
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Sales Order#:

1401533075

Date Received:

10/24/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012091

Manifest #:

008127080FLE

Method of Disposal **Disposal Facility** Original Date Removed Unit Serial # / **Material** CHID# From Service Type **Customer ID** Description Date Disposal Grassy Mountain, UT 41328734 8/18/2014 CM 41328734 / PCB Solids For Landfill 10/24/2014 Landfill Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Authorized Agent

Monday, October 27, 2014

1	UNIF	FORM HAZARDOUS ASTE MANIFEST	1. Generator ID Number CODO3044	TO MAKE THE PARTY OF THE PARTY	2. Page 1 of	3. Emergency (800) 4	Response	Phone 718	4. Manifest	812	708	0 F	LE
STATE OF THE STATE	A Gener	rator's Phone:	eet LO 256-8889			Generator's Site	Address	(if different th	an mailing addres				7/8
		NEIE nsporter 2 Company Nam	R INC	100					U.S. EPA ID Number IND 984868 406 U.S. EPA ID Number				
	CI 3 Gi	Miles East 7 Miles East 7 Miles East 7 Miles East 7 Miles UT 84	rassy Mountain LLC iles North of Knolls						U.S. EPAID N		3017	48	
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- GENE		2.											
		3.			7								
		4.			£**						and the same of th		
	Section.	pecial Handling Instruction CH807319B	ns and Additional Information ERG#1		,	V	30	Χ±	H120°	723	3		2] [
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		esignated Facility Owner of Control of Contr	or Operator: Certification of reco	eipt of hazardous materials con	vered by the mani	mature /	ect.	m_18a	CHARL	165	Mo	nth Pay	/ Year



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WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Date Received:

10/23/2014

Generator EPA ID:

Aurora, CO, 80010

Generator Contact Name:

COD030446637

Load #:

14011994

Manifest #:

008127081FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41270585

8/18/2014

CM

41270585 /

PCB Solids For Landfill

10/23/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Monday, October 27, 2014

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number C O D O 3 O 4 4 6 6 3 7	2. Page 1 of	3. Emergency Respor (800) 483-		4. Manifesi		7081	FLE
5. Generator's Name and Mail Dow Chemical C 3555 Motine Str Aurora, CO 800: Generator's Phone: (970)	ompany eet LO 256-8889		SAME	ess (if different ti		1		
6. Transporter 1 Company Name	Resources		1 20 6	-03	VALR.	900	0072	73
7. Transporter 2 Company Nar	ne				U.S. EPA ID	Number		
	rassy Mountain LLC illes North of Knolls	. (0)		CD!	U.S. EPAID		01748	1
9a. 9b. U.S. DOT Descript and Packing Group (if	ion (including Proper Shipping Name, Hazard Class, li any))	D Number,	10. Con No.	tainers Type	11. Total Quantity	12, Unit Wt./Vol.	13. Waste Co	des
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14. Special Handling Instruction 1 - CH607919B	ns and Additional Information ERG#171	• -	BOX	# .	25/10	9		
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N8b. Alternate Facility (or Gerie Facility's Phone:					U.S. EPA ID I	vumber		
19. Hazardous Waste Report M			HOLL IS				Month D	ay Year
19. Hazardous Waste Report M	anagement Method Codes (i.e., codes for hazardous 2.	waste treatment, disposal,	and recycling systems))	4.	-08	7 E	
H132	or Operator: Certification of receipt of hazardous mater	ials covered by the manifes	st except as noted in th	em 18a	2014	0119	911	
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LOAD DISPOSAL DESTINATION		
STABILIZATION RCRA CELL TSCA CELL S SPOT STABILIZATION	8:13 10	
LOAD TRACKING INFORMATION	61320 0	
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED DATE LOAD NO.	CD 61250	
10-23-14 20140+1994	1	8
GENERATOR HAULER	23/0ct/2014	09:36:01
ORDER NO. DRUM NO.	GROSS 1bs.	61320
1401533075 41270585	TARE 1bs.	41900
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.	NET 1bs.	19420
1159 251109		
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):		
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OPERATOR SIGNATURE COUNT DATE		
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YES NO INTERIOR EXTERIOR		
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ITEM COMMENTS	NAME	DATE
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Generator Contact Name:

Generalor EPA ID: COD030446637 Load #:

14011738

1401533075

10/16/2014

Manifest #:

Sales Order#:

Date Received:

008127082FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41145833

8/18/2014

41145833/

PCB Solids For Landfill

10/16/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Authorized Agent

Friday, October 17, 2014

Plea	ase pri	int or type. (Form desi			riter.)						Fon	n Approved	, OMB No.	2050-0039	
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100000000000000000000000000000000000000	Gene	rator's Phone:	reet 10 1256-8889				Generator's		s (if different i	than mailing addr					
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	1		160				127		14.5						
ST STATE OF	Clean Harbors Grassy Mountain LLC 3 Miles East 7 Miles North of Knolls Grantsville. UT 84029 Facility's Phone: (435) 884-8900											U.S. EPAID Number UTD991301748			
	9a. HM	9b. U.S. DOT Descript and Packing Group (if			10. Conta No.	iners Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes						
GENERATOR -	x	1 RO. UN3432 MIXTURE, 9		PRINATED BIF	HENYLS, S	OLID		1	CM	11,340	KG				
- GENE		2.												1.000	
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		marked and labeled/placa Exporter, I certify that the I certify that the waste min	OR'S CERTIFICATION anded, and are in all contents of this continuation statement	ON: I hereby declare the respects in proper conceptions in the response of the conform to the response of the conform to response of the conform to response of the conform to response of the conform to response of response of response response of response of response response of response of response response of response of response of response of response of response of response of response of response of response of	nat the contents of lition for transport a e terms of the attac	this consignment a according to applic ched EPA Acknowl large quantity gene	are fully and a cable internati ledgment of C erator) or (b)	r) or (b) (if I am a small quantity generator) is true.							
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FACILITY		ulternate Facility (or Gene	rator)							U.S. EPA ID	Number				
DESIGNATED FACILITY	18c. S	ignature of Alternate Fac				- W.						Mo	nth Day	Year	
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	20. De	signated Facility Owner	or Operator: Certifica	tion of receipt of hazar	dous materials cov			noted in Iter	n 18a	2014	011	138			
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	LOAD TRACKIN	IG INFORMATI	ON .			
PLANT RECEIVED DROPF	PED FINAL CODE REV	VIEWED WEIGHTS	GRIDS MANIFEST MAILED VO			
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10-16	-14 8	0140117	38	GR93	S lbs.	72860
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ORDER NO.	33075	DRUM NO. 411468	33	HET	lbs.	31860
TRUCK NO.	CONTAINER NO. (s)/					
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OPERATOR SIGNAT	TURE	COU	NT DATE			
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Clean Harbors G	Grassy Mountain Faci	lity, Tooele County	Utah			



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Generator Contact Name:

COD030446637

Load #:

14011739

1401533075

10/16/2014

Manifest #:

Sales Order#:

Date Received:

008127083FLE

Original Date Removed Unit CH ID# From Service Type

Generator EPA ID:

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41147449

8/18/2014

CM 41147449/ PCB Solids For Landfill

10/16/2014

Landfill

Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Ahane B. Whitney
Authorized Agent

Friday, October 17, 2014

Plea	ase prii	nt or type. (Form desig	ned for use on el	ite (12-pitch) typ	ewriter.	1933 0 19-0	101	SCPPI	M 3/3V/	- 2	Form A	pproved. OMB	No. 2050-003
1	UNIF	ORM HAZARDOUS ASTE MANIFEST	1. Generator ID N	umber 0 4 4 6 6		2. Page 1 of 1	(800) 483-	3718			7083	FLE
	D: 3! A	nerator's Name and Maitin ow Chemical Co 555 Moline Stru- urora, CO 8001 rator's Phone: (970)	empany ret .0				Generator's		ss (if different t	han ma il ing addre			
	6. Tra	nsporter 1 Company Nam	e I	DC	6	well.	381		ew.	U.S. EPAID U.S. EPAID	98484	8406	2
	10									1			
	CI 3 G	signated Facility Name an lean Harbors Gi Miles East 7 Mil rantsville, UT 84 y's Phone:	rassy Mouni les North o	Molls		3	, a			U.S. EPAID		01748	
	9a. HM	9b. U.S. DOT Description and Packing Group (if a	on (including Prope		lazard Class, ID Numb	er,		10. Cont No.	ainers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste C	lodes
GENERATOR -	x	1. RO. UN3432 MIXTURE, 9,		RINATED	BIPHENYLS. S	OLID		1	CM	11,340	46		
- GENE		2.				· some	15.7	340		81			
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The state of		.Chou/319B	1		8-18-2	014			TRK	. ## <u></u>	81		
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CILITY	18b. A	Itemate Facility (or Gener	ator)				. 8		3.0	U.S. EPA ID I	Number		
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GNA	19. Ha	zardous Waste Report Ma	anagement Method	Codes (i.e., codes	for hazardous waste to	reatment, disposal	and recycl	ina systems)	91.11.6	CAV. 0	500 000		
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	_	signated Facility Owner o	r Operator: Certifica	ition of receipt of h	azardous materials cov		est except a	ns noted in It	emilia	9	0140	Month (Day Year
Ų		FILM	el	De Co	eun) 13	-	llle	rek	X Le	un	1011	6/14



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LOAD DISPOSA	AL DESTINATION	64800 07	
STABILIZATION RCRA CELL	TSCA CELL BG SPOT STABILIZATION	64800	
LOADTRACKIN	G INFORMATION		
RECEIVED	EWED WEIGHTS GRIDS MANIFEST MAILED	CD	
DATE D LOA	2014011739	16/0ct/2014	17:52:47
GENERATOR	HAULER	GROSS 1bs.	64900
ORDER NO.	DRUM NO.	TARE 165.	39660
1401533075	41147449	HET 185.	25140
TRUCK NO. CONTAINER NO. (s)/	P= "20982		
CONTAINER TYPE:	LOAD COUNT (BAIL ONLY):	h	
ED G TT FB V OTHER	1 2 3 4	72	
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Aurora, CO, 80010

Date Received:

10/16/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

Manifest #:

14011737

008127084FLE

Material

Disposal

Method of Disposal

Disposal Facility

CH ID#

From Service Type

Original Date Removed Unit

Serial # / **Customer ID**

Description

Date

41145832

8/18/2014

CM 41145832/ PCB Solids For Landfill

10/16/2014

Landfill

Grassy Mountain, UT Facility

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Shane B. Whitney
Authorized Agent

Friday, October 17, 2014

DESIGNATED FACILITY TO GENERATOR

1	UNII		1. Generator ID Number C O D 0 3 0 4 4 6 6 3 7	2, Page 1 of 1	3. Emergency Res (800) 48	ponse Phone 3-3718	4. Manifest			34 F	-LE
	3	perator's Name and Mailing W Chemical Co 555 Moline Stra Aurora, CO 8001 (970) erator's Phone:	eet	1	Generator's Site Add	dress (if different th	an mailing addre	ss)			
	C	ensporter 1 Company Nam Leun Ter	LOS ENU SUC	5	*		U.S. EPAID	039	322	25	0
		ansporter 2 Company Nam				100	U.S. EPA ID I			100	1.14
	C	Miles East 7 Milrantsville, UT 84	rassy Mountain LLC iles North of Knolls					U.S. EPAID Number UTD991301748			
	9а. НМ	9b. U.S. DOT Description and Packing Group (if a	on (including Proper Shipping Name, Hazard Class, ID Nu any))	mber,	10. C No.	ontainers Type	11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Code	s
GENERATOR -	x	RO UN3432 MIXTURE, 9,	POLYCHLORINATED BIPHENYLS. PG III	SOLID	1	CM	11,340	K6			
- GENI		2.									
	*	3.									
24.00		4.			T' N						
1000	14. St	pecial Handling Instructions CH007319B	is and Additional Information ERG#171	211	BOXI	# R1	T 25	707	80	82	
	n E I	marked and labeled/placan Exporter, I certify that the o I certify that the waste mini	R'S CERTIFICATION: I hereby declare that the contents ded, and are in all respects in proper condition for transport contents of this consignment conform to the terms of the all imization statement identified in 40 CFR 262.27(a) (if I am	of this consignment a ort according to applicate the design of the desig	are fully and accurate able international and edgment of Consent.	ly described above I national governm	by the proper shi ental regulations.	poing name.	and are clas	ssified, packa am the Prima	eged, ary
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FACILITY	1	lientate Facility (or Genera	ator)		Manifest Refer	ence wurnger:	U.S. EPA ID N	umber			
	18c, Si	/s Phone: ignature of Alternate Facilit							Mor	nth Day	Year
	1. 1	1132	nagement Method Codes (i.e., codes for hazardous waste 2.	3.			4.	1/2	117	27	
		signated Facility Owner or	Operator: Certification of receipt of hazardous materials of	covered by the manife Signs	st except as noted in	hem 18a	0101	les	Mon	Day 034	Year / C/



LO	AD DISPOSA	L DESTINATIO	V		
STABILIZATION RO	CRA CELL	TSCA CELL B6	SPOT STABILIZATION		15 GRUSS 15 TARE
		G INFORMATIO		70820	1b KET
PLANT DROPPED RECEIVED	FINAL CODE REVI		RIDS MANIFEST MAILED		
RECEIVED	X2		MAILED	0	
DATE		PNO.			
10-16-16	1 8	01401113	57	16/0ct/2014	13:45:33
GENERATOR		HAULER		GROSS lbs.	70820
ORDER NO. 140 1633	075	DRUM NO.	0	TARE 1bs.	40790
	ONTAINER NO. (s)/ F	711400		NET 1bs.	30040
88082	CHRTS	5707		20	A STATE OF THE STA
CONTAINER-TYPE:		LOAD CO	UNT (RAIL ONLY):		
ED G FF FB	V OTHER	1 2	3 4		
OPERATOR SIGNATURE		COUNT	DATE		
	HOUT INFOR	MATION	WASHOUT S	ТАМР	
WASHOUT:	TYPE:				
(ES) NO	INTERIOR	EXTERIOR			
WASHOUT SIGNATURE		DATE			
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Cutte	1	1	<u> </u>	NAME	DATE
ITEM		COMMENT		NAME	DATE
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WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving



Clean Harbors Grassy Mountain LLC PO Box 22750 Salt Lake City UT, 84122 UTD991301748 (435) 884-8900

CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533087

Generator Address:

3555 Moline Street

Date Received:

10/22/2014

Ochciator Address.

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011961

Manifest #:

007753503FLE

Original Date Removed Unit CH ID# From Service Type

Unit Serial # / Type Customer ID Material Description

Disposal Date Method of Disposal

Disposal Facility

41247834

8/18/2014

СМ

41247834 /

PCB Solids For Landfill

10/22/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Thursday, October 23, 2014

Plea	ase pri	int or type. (Form desig	ned for use øn e	ite (12-pitch) typewriter.				A D) TO				IB No. 2050-0039	
1	W	ASTE MANIFEST		umber 10446637	4 2.		00) 483	3718	0.0		3503	FLE	
200	D- 39 A Gener	nerator's Name and Mailin row Chemical Cr 555 Moline Stra Jurora, CO 8001 rator's Phone: (870)	ompany eet .0 266-999			Genera SA		s (il different t	han mailing addre				
		ACTION		ource	5				U.S. EPAID	Number OC	000	72 73	
	7. Tra	insporter 2 Company Nam	е						U.S. EPA ID	Number	1.0	liis Ti	
		signated Facility Name and		tsin II C		11.5				U.S. EPA ID Number			
	3 G	Miles East 7 Mi rantsville, UT 84	les North o	f Knolls					UTD	UTD991301748			
9.00	9a. HM	9b. U.S. DOT Description and Packing Group (if a		Shipping Name, Hazard Cl	ass, ID Number,		10. Conta	Type	11. Total Quantity	The second secon		le Codes	
GENERATOR -	x	RO. UN3432 MIXTURE, 9,		PRINATED BIPHE	NYLS. SOLID		- /	CM	11,340	K6			
- GENE		2.											
		3.				- "				- 41			
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	14 Sr	pecial Handling Instruction	e and Additional Int	ormation			- 14	1.0	100				
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			2	050 8-18	2014		77	K #	£ 115	7	CACLE	Bi I	
	n E	marked and labeled/placan Exporter, I certify that the c	ded, and are in all ontents of this con-	ON: I hereby declare that the respects in proper condition signment conform to the terr identified in 40 CFR 262.27	for transport according as of the attached EF	ng to applicable into A Acknowledgmen	mational and na of Consent.	tional governr	nental regulations	ipping name, If export ship	and are classifie oment and I am ti	d, packaged, ne Primary	
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DESIGNATED FACILITY	_	azardous Waste Report Ma	nagement Method	Codes (i.e., codes for hazar	rdous waste treatmen		ycling systems)		12		2 1	7 3	
Q -	1	H132		٤.		3.			4.	\			
9 5		esignated Facility Owner or	Operator: Certifica	tion of receipt of hazardous	materials covered by	the manifest exce	ot as noted in Iter	m 18a	10	019	FO 119 Month	Day Year	
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EPA	Form	8700-22 (Rev. 3-05) P	revious editions	are obsolete.			200 200 2	The state of	DES	GNATED	FACILITY TO	GENERATOR	



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LOAD DISPOSAL DESTINATION	61760	1b GROSS
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	61760) 15 TARE) 15 NET
LOAD-TRACKING INFORMATION		
PLANT RECEIVED DROPPED FINAL CODE REVIEWED WEIGHTS GRIDS MANIFEST MAILED	A N	
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DATE 10/22/14 20/40/1961	GROSS 1bs.	61760
GENERATOR HAULER	TARE 1bs.	41500
ORDER NO. DRUM NO.	NET 1bs.	20260
1401533087 41247834	L.	
TRUCK NO. CONTAINER NO. (s)/ RAILCAR NO.		
1157 CHRT 20202	1	
CONTAINER TYPE: LOAD COUNT (RAIL ONLY):		
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OPERATOR SIGNATURE COUNT DATE	7	
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah





CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/20/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011852

Manifest #:

008127087FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41194252

8/18/2014

41194252/

PCB Solids For Landfill

10/20/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney
Authorized Agent

Tuesday, October 21, 2014

Please print or type. (Form designed for use on elite (12-pitch) typewriter. A7 1401533075-001 SC PPW 9/30/2014 UNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone (800) 483-3718 COD030446637 **WASTE MANIFEST** Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) **Dow Chemical Company** 3555 Moline Street SAME Aurora, CO 80010 Generator's Phone: (970) 256-8989 U.S. EPAID Number |ALR 00000 7 2 3 3 Kesourcas 7. Transporter 2 Company Name LLS EPAID Number 8. Designated Facility Name and Site Address Clean Harbers Grassy Mountain/LC UTD991301748 3 Miles East 7 Miles North of Knolls. Grantsville, UT 84029 (435) 884-8900 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unit 13. Waste Codes and Packing Group (if any)) Quantity Wt Mol HM Type 001 RO. UN3432, POLYCHLORINATED BIPHENYLS, SOLID GENERATOR MIXTURE, 9, PG III X 14. Special Handling Instructions and Additional Information 1.CH807319B ERG#171 OSD 8-18-2014 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Port of entry/exit: Export from U.S. Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials ANSPORTER Transporter 1 Printed/Typed Name
Grange Punche Transporter 2 Printed/Typed Name R 18. Discrepancy To use GM weights of 29,340 hs (13309 kg) Persona Cove 18b. Alternate Facility (or Generator) H.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) DESIGNATED 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

H132

Printed/Typed Name



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CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/23/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012041

Manifest #:

008127088FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / Material Description **Customer ID**

Date

Method of Disposal

Disposal Facility

41294410

8/18/2014

41294410/ CM

PCB Solids For Landfill

10/23/2014

Disposal

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Shane B. Whitney Authorized Agent

Monday, October 27, 2014

↑ A	UNIF	FORM HAZARDOUS	1. Generator ID Number		2. Page 1 of 3	Emergency Respons		4. Manifest			FLE		
		ASTE MANIFEST	licited to be in the little as	031	22 34	enerator's Site Addres				1000	FLE		
	Gene	erator's Phone:	256-8899		0.04	SAME							
	6. Tra	ansporter 1 Company Nam	the has	S. ENV	1 < .	00		U.S. EPAID Number U.A.D 0393 22250					
20000	7. Tra	ensporter 2 Company Nam		SCOV	50			U.S. EPAID		A STATE	30		
Pane.	8. De:	esignated Facility Name an	d Site Address					U.S. EPA ID I	lumber				
William Co.	.3 G	ilean Harbors G Miles East 7 Mi Frantsville, UT 84 it/s Phone:	rassy Mountain LLC iles North of Knolls 1029 (435) 884-8900				4 4	UTD991301748					
September 150	9a. HM	Í	on (including Proper Shipping Nam	e, Hazard Class, IO Number,		10. Conta	ainers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste	e Codes		
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		marked and labeled/placar Exporter, I certify that the r I certify that the waste min	PC'S CERTIFICATION: I hereby do rded, and are in all respects in pro- contents of this consignment confo- imization statement identified in 40	per condition for transport according to the terms of the attached	cording to applicab ed EPA Acknowled ge quantity genera	le international and na gment of Consent. tor) or (b) (if I am a sn	ational governn nall quantity ge	nental regulations. nerator) is true.	ipping name, if export ship	ment and I am th	e Primary		
	Gener	rator's/Offeror's Printed/Ty		10 更为	Signal	THE ON	Bena	+0+		Morith	22 2014		
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	18a. C	Discrepancy Indication Spa	ace Quantity	Туре		Residue Manifest Reference	ce Number:	Partial Rep	ection	□F	ull Rejection		
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FACI	Facilit	ty's Phone:			an e		314	1					
DESIGNATED FACILITY		Signature of Alternate Facil	lity (or Generator)		A STATE					Month	Day Year		
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LOAD DISPOSA	AL DESTINATION	1		
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LOAD TRACKIN	IG INFORMATION		68980 lb	
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GENERATOR	HAULER	GROSS 1bs		68980
ORDER NO.	DRUM NO.	TARE lbs.		42800
1401533075 TRUCK NO. CONTAINER NO. (s)/	4/294410	NET 1bs.		26180
1597 C4127	24413			
CONTAINER TYPE:	LOAD COUNT (RAIL ONLY):			
ED (G) IT FB V OTHER	1 2 3 4			
OPERATOR SIGNATURE	COUNT DATE			
LOAD WASHOUT INFOR	RMATION WASHOUT	STAMP		
WASHOUT: TYPE:				
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/17/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011763

Manifest #:

008127089FLE

Original Date Removed Unit CH ID # From Service Type

Serial # / Customer ID Material Description

Disposal Date Method of Disposal

Disposal Facility

41167759

8/18/2014

CM

41167759 /

PCB Solids For Landfill

10/17/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Authorized Agent

Monday, October 20, 2014

Piez	_	FORM HAZARDOUS	ned for use on elile (1) 1. Generator ID Number	A CONTRACTOR OF THE PARTY OF TH			rgency Response		4. Manifest	Tracking Num	per C C C	
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Mary September	Gene	enerator's Name and Mailin Now Chemical Co 1555 Moline Stra Aurora, CO 8001 erator's Phone: (970)	eet .0 256-8889			Genera SA	or's Site Address	(ii different ih				
	6. 1	ansporter 1 Company, Nam	ha15 8	12115	UC5			1	U.S. EPAID		22250	
		ansporter 2 Company Nam						- 7	U.S. EPAID			1
2000	R De	esignated Facility Name an	d Site Address	Mile (4)				* 64	U.S. EPA ID	Number		
	030	lean Harbors G Miles East 7 Mi Irantsville, UT 84	rassy Mountain iles North of Kn	olls		1			UTD991301748			
200,000	9a. HM and Packing Group (if any)) 9a. HM 10. Containers 11. Total 12. Unit Wt./vol. 13. Waste Codes								s			
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D FAC		ity's Phone:	(a)		All fee		74 H +	15 (1)			Marth Day	Vans
DESIGNATED FACILITY	18¢. 3	Signature of Alternate Facil	nry (or Generator)		1	30					Month Day	Year
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EPA	Form	8700-22 (Rev. 3-05) F	Previous editions are o	bsolete.		THE STATE OF THE S	700 Maria		DES	IGNATED F	ACILITY TO GEN	FRATOR



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ITEM	W+ DIS	COMMENT			NAME	DATE

WHITE - Facility CANARY - Generator

PINK - Transporter

GREEN - Receiving



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Date Received:

10/16/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011723

Manifest #:

008127090FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41141805

8/18/2014

CM 41141805 /

PCB Solids For Landfill

10/16/2014

Landfill

Grassy Mountain, UT

Facility

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Ahane B. Whitney
Authorized Agent

Friday, October 17, 2014

1	UNIF W	ORM HAZARDOUS ASTE MANIFEST	1 Generator ID Number CODO30446	AND THE PERSON	2. Page 1 of 1	3. Emergency Res (800) 48	sponse Phone 13-3718	4. Manifes	Trackipo Nur 1812	7090 I	FLE	
	35 A	erators Name and Mallin Chermical Co 555 Moline Strutora, CO 8001 urora, CO 8001 ator's Phone:	eet			Generator's Site Ac	dress (if different	than mailing addro	ess)			
	6. Trai	sporter 1 Company Nam	esources		ST LIKE		a d	U.S. EPA ID Number ALR 00000 72.73				
		nsporter 2 Company Nam						U.S. EPA ID				
SS FS	CI		d Site Address rassy Mountain LLC iles North of Knolls		KA			U.S. EPAID		01748		
9	Gi	antsville. UT 84	4029 (435) 884-8900		310	in.	te .				-(-1	
	9a. HM	9b. U.S. DOT Description and Packing Group (if a	on (including Proper Shipping Name any))	, Hazard Class, ID Number		10. (No.	Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Coo	des	
TOR -	х	RO. UN3432 MIXTURE, 9,	. POLYCHLORINATED PG III	BIPHENYLS. SO	LID		Mul	1/21/2	VC			
GENERATOR	- 0	2.					CM	17390	10			
- GE	in the											
	417	3.										
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			QSD 8	-18-20	14		-	PK	# 1	1157		
	n 8	narked and labeled/placar exporter, I certify that the o certify that the waste min	R'S CERTIFICATION: 1 hereby de- rded, and are in all respects in propi- contents of this consignment confor- imization statement identified in 40	er condition for transport acc n to the terms of the attache	cording to applic ed EPA Acknowle ge quantity gene	able international a edgment of Consen rator) or (b) (if I am	nd national govern it, a small quantity g	mental regulation: enerator) is true	s. If export ship	ment and I am the Pri	mary	
1	Genera	ator's/Offeror's Printed/Ty	Cases	100	Sign	ature 3	Co Beh	Der		Month Da	y Year	
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FACI		's Phone:			7 8 1				and a	Heath D	lay Year	
DESIGNATED FACILITY	18c. S	gnature of Alternate Facil	ety (or Generator)							Month D	lay Year	
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4	74 1 1	1132 signated Facility Owner o	y, Operator: Certification of receipt o	f hazardous materials cover	red by the manife	est except as noted	in Item 18a	20	1401	1723	- 571	
ļ	-	Typed Name	h Gunn	ells		Kei	f/1 61	unne	115	Month Da	5 V4	



			7			
2	LOAD DISPOSA	L DESTINATIO	N			
STABILIZATION	RCRA CELL	TSCA CELL BL	SPOT			b GROSS
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PLANT RECEIVED DROPPET	x8	HON	HIDS MANIFEST MAILED	CD	64140 3	b NET
DATE - GENERATOR	1-14 B	01401176	23	16/6	Oct/2014	10: 10: 21
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ORDER NO.		DRUM NO.		TAR	E lbs:	41600
14015 TRUCK NO.	33075 CONTAINER NO. (s)/F	91191805	5	KET	ibs:	22540
1167	26/2/0					
CONTAINER TYPE:	10001000	LOAD CO	UNT (RAIL ONLY):			
ED G TT FI	B V OTHER	1 2	3 4			9
OPERATOR SIGNATU	RE	COUNT	DATE			
1						
	SHOUT INFOR	MATION	WASHOUT S	TAMP		
WASHOUT:	TYPE:					
YEB NO	INTERIOR	EXTERIOR				
WASHOUT SIGNATUR	RE /	DATE		8		
DRIVER SIGNATURE	-	10-16-14 DATE				
DRIVER SIGNATURE		DATE				16
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WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Generator Contact Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Date Received:

10/13/2014

Aurora, CO, 80010

Generator EPA ID:

COD030446637

Load #:

14011534

Manifest #:

008127092FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

Material Description Disposal **Date**

Method of Disposal

Disposal Facility

41076694

8/18/2014

CM

41076694/

PCB Solids For Landfill

10/13/2014

Landfill

Grassy Mountain, UT

Facility

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Shane B. Whitney

Authorized Agent

Tuesday, October 14, 2014

Plea	se prin	nt or type. (Form desig	ned for use on elite	(12-pitch) typewriter.)	In Prop 1 of	3. Emergency	Doctooner	Dhone	14. Manifest		nber		1
1	UNIF	ORM HAZARDOUS ASTE MANIFEST	1. Generator ID Num CODO3	ber D 4 4 8 6 3 7	2. Page 1 of 1	(800)	483-3	3718	4. Manifest		709	2 FI	E
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	3 G	signated Facility Name ar lean Harbors G. Miles East 7 M rantsville. UT B bys Phone:	rassy Mounta iles North of	Knolls			1				3017	48	100
	9a. HM			Shipping Name, Hazard Class,	ID Number,	100	10. Conta No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. W	/aste Codes	
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Ш	4	100		051 8	-18-2014		7	TRK	148	0			
	-	marked and labeled/placa	arded, and are in all re contents of this consid	t: I hereby declare that the co spects in proper condition for to priment conform to the terms of dentified in 40 CFR 262.27(a)	intents of this consignment transport according to appl of the attached EPA Acknow (if I am a large quantity get	are fully and ac icable internation vledgment of Co nerator) or (b) (if	nal and na insent. I am a sm	itional governi nall quantity o	nental regulations merator) is true.	ipping name, . If export shi	and are class pment and I a	ified, packag m the Primar	jed, ly
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E	18b. A	Alternate Facility (or Gene	erator)	The second second					U.S. EPA ID I	Vumber			
FACILITY			ACCOUNT OF										
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4TEI	16C. S	Signature of Alternate Fac	any (or Generator)					a ***			I	Jay	1001
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			or Operator: Certificati	ion of receipt of hazardous ma	iterials covered by the man	ilest except as r	oled in Ite	m 18a 🗼	00	140	112	7	1
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CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/7/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011253

Manifest #:

007020536FLE

CH ID#

Original Date Removed Unit From Service Type

Serial # / **Customer ID**

40972972/

Material Description Disposal Date

Method of Disposal

Disposal Facility

40972972

8/18/2014

PCB Solids For Landfill

10/7/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Wednesday, October 08, 2014

ase print or type. (Form o	esigned for use on elite (12-pitch)	typewriter.)				A 61. · · · · ·		proved. OMB No	, 2050-003
UNIFORM HAZARDO WASTE MANIFEST	JS CODO 3 0 4 4 G	[2. F	Page 1 of 3. Emery			00		536	FLE
5. Generator's Name and Dow Chemical 3555 Moline S Aurora, CO 80	treet		SAM		s (if different t	nan mailing addre	SS)		
Generator's Phone: 6. Transporter 1 Company 7. Transporter 2 Company	Hackors	Enll Sin	15			U.S. EPA ID I	77972	22 <i>S</i> D	
8. Designated Facility Nar Clean Harbors 3 Miles East 7 Grantsville U1	Grassy Mountain LLC Miles North of Knolls 84029					U.S. EPAID		01748	
10 11 0	(435) 884-8900 cription (including Proper Shipping Nar o (if anyl)	ne, Hazard Class, ID Number,		10. Cont	ainers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Co	des
1100	32 POLYCHLORINATE	D BIPHENYLS, SOLID		1	1ºM	est 11,340	KG		
2.									
3.					3				
4.			7:						
marked and labeled	FEROR'S CERTIFICATION: I hereby placarded, and are in all respects in prit the contents of this consignment contentined in the minimization statement identified in	o SD F-18-2 declare that the contents of this contents of this contents of the contents of the attached E	nsignment are fully a ng to applicable inter PA Acknowledgment uantity generator) or Signature	nd accurately national and n of Consent. (b) (if I am a s	described abornational govern	enerator) is true.	hipoing name, a	nd are classified, ponent and I am the P	ay Yea
16. International Shipmer Transporter signature (fo	ts Import to U.S.	Dε	xport from U.S.	Port of	entry/exit: aving U.S.:				
17. Transporter Acknowle Transporter 1 Printed/Typ MCAA Transporter 2 Printed/Typ	igment of Receipt of Materials ad Name: H		Signature Signature	1147	x tite			10	Year G 14 Day Year
18. Discrepancy						Поли	1 4	Пел	Rejection
18a. Discrepancy Indicat	on Space Quantity	∟.l Туре	L M	Residue anifest Refere	nce Number:	Partial R		L Fua	rejection
18b. Alternate Facility (or	Generator)					U.S. EPAIC	Number		
Facility's Phone: 18c. Signature of Alterna			# #	#Ar	un: N	Op Se	Ťγ	Month	Day Ye
18b. Alternate Facility (or Facility's Phone: 18c. Signature of Alterna 19. Hazardous Waste Re 1. H132	port Management Method Codes (i.e., 2.	codes for hazardous waste treatme	ant, disposal, and rec	ycling system	s)	4.			
2	wner or Operator: Certification of recei	pt of hazardous materials covered	by the manifest exce Signature	pt as noted in	Item 18a	Jol.	2019	#()//2 Month	(1) (1) (2) (2) (3) (4) (7) (1) (4)
A Form 8700-22 (Rev. 3	-05) Previous editions are obsole		7	VIIA	N V N	DE	SIGNATED	FACILITY TO	ENERAT



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DRIVER SIGNATURE () DATE	
DRIVER SIGNATURE DATE. 7 Oct 2014 GRASSY MOUNTAIN FACILITY	
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	J. S
	- 8

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/23/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14012012

Manifest #:

008127094FLE

Original Date Removed Unit CH ID#

From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41273386

8/18/2014

CM 41273386 /

PCB Solids For Landfill

10/23/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Monday, October 27, 2014

Plea	se pri	int or type. (Form desig	ned for use on elite (12-pitcl	n) typewriter.)					3		Approved. C		
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	11												Ross
	3		rassy Mountain LLC iles North of Knolls						U.S. EPAID	- V.+. /	3017	\$8	
	9a.	9b. U.S. DOT Description	on (including Proper Shipping Na	me, Hazard Class, ID Numbe	er,		10. Conta	1	11. Total Quantity	12. Unit WL/Vol.	13. W	aste Codes	
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- GENERATOR		2.						1					
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	14. Si	oecial Handling Instruction	s and Additional Information			01/ -	- 7/	57	,			1.108	
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ALL STREET				8-18-201	4			13.	TRK:				
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	18a. E	Discrepancy Indication Spa	Oce Quantity	Туре		Man	Residue	o Number	Partial Re	jection		Full Rejec	tion
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D FA		ly's Phone: Signature of Alternate Facil	ity (or Congrator)	a linke it a							Montl	n Day	Year
VATE	100.0	Agriculture of Palettiale T BUE	ing (or conclusion)						Z 11841		I I I	Jay	Teal
SIG		azardous Waste Report Ma	anagement Method Codes (i.e.,	codes for hazardous waste tr		l, and recyc	ling systems)		500				
<u> </u>	_	H132	2.		3.		· V	1.	4.		- 9		
		esignated Facility Owner of	r Operator: Certification of receip	t of hazardous materials covi	ered by the manif	est except a	as noted in Ite	m*18a	0	0/4	O / o/ Month	O/o	Year
Ţ		EITER	e Dec	cemn	IS	-	UM	(N)	PALL	(11)	1/0	123	14



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				95	

WHITE - Facility CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/21/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011892

Manifest #:

008127096FLE

Original Date Removed Unit Serial # / Material Disposal CH ID # From Service Type Customer ID Description Date

Disposal Landfill

Method of

Disposal Facility

Grassy Mountain, UT Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Shane B. Whitney

Authorized Agent

Wednesday, October 22, 2014

Plea	ise prii	nt or type. (Form designe	d for use on elite	(12-pitch) typev	rriter.)					130				2050-0039
1			Generator ID Numb		37	2. Page 1 of 1	(80	0) 483	3718		1812	709	6 F	ELE
	31 A	nerators Name and Mailing A pw Chemical Con 555 Moline Stree urora, CO 80010 (970) 21 ator's Phone:			v.		SAM		s (if different t	han mailing addre				
Charles with		sporter 1 Company Name	bons	ENJ S	DUCS			120		U.S. EPAID	0393	22	25	0
	7. Trai	nsporter 2 Company Name		. 7			A.			U.S. EPAID	Number	5	1	
THE PROPERTY AND	CI 3 Gi	ignated Facility Name and S ean Harbors Gra: Miles East 7 Mile rantsville, UT 840 Vs Phone: (4	ssy Mountai • North of K	nolls						U.S. EPAID U.T.D	9913	3017	48	
The second	9a. HM	9b. U.S. DOT Description (and Packing Group (if any)		ipping Name, Haz	ard Class, ID Num	ber,		10. Conta	Type	11. Total Quantity	12. Unit Wt./Vol	13.1	Waste Code	s
ATOR —	x	1 RO. UN3432 F MIXTURE, 9, PO		INATED BI	PHENYLS. S	SOLID		1	CM	11,340	K6			
- GENERATOR		2.	4 4	7 - 12 s			4					2		
		3.						46				No.		¥
The state of the s		4.				70	*					1, 1		
	14 Cr	ecial Handling Instructions a	nd Additional Inform	ation						0-0				Tare to
CONTRACTOR SCREEN	15. 0	CH807319B	CERTIFICATION:	G#171 hereby declare	-18- Ithat the contents of	2014 of this consignment	are fully and	d accurately d	escribed abov	OZZ	+ 159 hipping name,	and are clas	sified, pack	aged,
	n E I	narked and labeled/placarded exporter, I certify that the confi certify that the waste minimizator's/Offeror's Printed/Typed	d, and the in all resp tents of this consign zation statement ide	ects in proper cor ment conform to t	idition for transport he terms of the atta	t according to appli ached EPA Acknow a large quantity gen	cable internated	ational and na f Consent. o) (if I am a sn	ational governi nall quantity g	mental regulations	. If export ship	oment and I a	am the Prima	ary
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_	17. Tra	ensporter Acknowledgment of				2 2 -4		1			1.5			
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A STATE OF	18a. D	iscrepancy Indication Space	Quantity		Туре		Man	Residue	o Number	Partial Re	jection		Full Reje	ection
ACILITY		Itemate Facility (or Generator)				704(2)1		3	U.S. EPAID	Number	178		
DESIGNATED FACILITY		's Phone: gnature of Alternate Facility ((or Generator)									Mor	nth Day	/ Year
ESIC	19. Ha	zardous Waste Report Mana	gement Method Cod		hazardous waste	treatment, disposa	and recyc	ling systems)		4.	- 12			
0		4132 signated Facility Owner or O		1) more materials ~	overed by the mani	act aveant	as noted in He	em.#Ra		1116	1/1/1	89	2
		Property Control of Co	De dinado	Zee	www.		nature (len	2 1	Je Ku	u) Mon	ith Day	Year 1/4



LOAD DISPUSA	L DESTINATION	ON			16 GROSS
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RECEIVED	EWED WEIGHTS	GRIDS MANIFEST MAILED	CD		
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GENERATOR	HAULER		GROSS	lbs:	62580
DOW		H	TARE	lbs.	39880
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140,1533075 TRUCK NO. CONTAINER NO. (s)/ F		42354			
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DRIVER SIGNATURE ITEM	DATE 10-71-14 DATE	CCT 2 1 201	4	NAME	DATE

Clean Harbors Grassy Mountain Facility, Tooele County, Utah



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Date Received:

10/10/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011476

Manifest #:

008127097FLE

Original Date Removed Unit CH ID# From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41053603

8/18/2014

CM 41053603/

PCB Solids For Landfill

10/10/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Shane B. Whitney Authorized Agent

Monday, October 13, 2014

1	UNII	FORM HAZARDOUS ASTE MANIFEST	1. Generator ID Number CODO30446637	2, Page 1 of 3	Emergency Respon		4. Manifest	Tracking Nu	7097	FI F
	D 3 A Gene	nerator's Name and Maili FOW Chemical C 555 Moline Str Aurora, CO 8001 Frator's Phone: (970)	ompany net 1.0 1.266-9889		enerator's Site Addres	ss (if different t				
	C		Varbous ENU.	Suc.s	1967 10 10 1			0393	1225	0
		insporter 2 Company Nan					U.S. EPAID			
	3	lean Harbors G Miles East 7 M rantsville, UT 84 ty's Phone:	rassy Mountain LLC ides North of Knolls 4029 (435) 884-8900						0174	В
	9a. HM	10 10 10 10 10 10 10 10 10 10 10 10 10 1	ion (including Proper Shipping Name, Hazard Class any))	, ID Number,	10. Cont	ainers Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste	Codes
GENERATOR -	x	1 RO. UN3432 MIXTURE, 9,	2. POLYCHLORINATED BIPHEN PG III	YLS SOLID	V	CM.	11,340	KG		
- GENE		2.					21			30.
		3.								
		4.								
The second secon	1.	CH807319B	ERG#1.71 CSD 8-/8- OR'S CERTIFICATION: I hereby declare that the co		BC		TR	k#	8608	
		marked and labeled/placa Exporter, I certify that the o	rded, and are in all respects in proper condition for contents of this consignment conform to the terms of nimization statement identified in 40 CFR 262.27(a)	transport according to applicable of the attached EPA Acknowled	e international and na ment of Consent. or) or (b) (if I am a sn	ational governs	nental regulations merator) is toue.	. If export ship	ment and I am the	Primary Day Year
<u> </u> 권	16. Int	b Cover ternational Shipments	Import to U.S.	Export from U.S	Bolin	Cor	ier	/	1/01	9 Pary
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Spinist Co.		signated Facility Owner of	or Operator: Certification of receipt of hazardous ma	terials covered by the manifest		em 18a	200	146	Month)	Day Year
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WHITE - Facility

CANARY - Generator

Clean Harbors Grassy Mountain Facility, Tooele County, Utah

PINK - Transporter

GREEN - Receiving

GOLD Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street Aurora, CO, 80010 Date Received:

10/14/2014

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011581

Manifest #:

008127098FLE

Original Date Removed Unit CH ID#

From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41093256

8/18/2014

CM 41093256 /

PCB Solids For Landfill

10/14/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Shane B. Whitney Authorized Agent

Wednesday, October 15, 2014

Plea	ise pri	int or type. (Form design	gned for use on e	lite (12-pitch) type	ewriter.)								OMB No.	2050-0039
Î		FORM HAZARDOUS ASTE MANIFEST	1. Generator IDN C Q D 0 3	umber 3 0 4 4 6 6	37	2. Page 1 of 1	3. Emerger (800	ncy Respons) 483-		4. Manifest	Tracking Number 1812	709	18 F	LE
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	9a. HM	9b. U.S. DOT Descript and Packing Group (if		Shipping Name, H	azard Class, ID Nun	nber,		10. Conta	ainers Type	11 Total Quantity	12. Unit WL/Vol.	13.1	Waste Code	s
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- GENE		2.							. A					1474
and the second		3.						32.				21	- 7	
		4.						The same	Ī					
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DESIGNATED FACILITY		ignature of Alternate Faci	tity (or Generator)		2	1 may 1		i i				Mod	nth Day	Year
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		H132		2.		3.	74.8	1		4.	C1/ /	· · · · ·	-01	84
11111		signaled Facility Owner of	or Operator: Certifica	tion of receipt of ha	zardous materials o		fest except as	noted in Ite	m 18a 🧷	2	2141	Mon	O 8	Year
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DRIVER SIGNATURE	DATE		
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Clean Harbors Grassy Mountain Facil			

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

3555 Moline Street

Date Received:

10/10/2014

Aurora, CO, 80010

Generator Contact Name:

Generator EPA ID:

COD030446637

Load #:

14011475

Manifest #:

008127099FLE

Original Date Removed Unit CH ID # From Service Type

Serial # / **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

41053318

8/18/2014

СМ

41053318/

PCB Solids For Landfill

10/10/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

> Shane B. Whitney Authorized Agent

Monday, October 13, 2014

Ple	ase pri	int or type. (Form desig	gned for use on elite (12-	pitch) typewriter.	TV.LUDJUV	HOWES TO		ווו טין נוטין		Form A	opproved, OM	B No. 2050-0039
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	3 A	enerator's Name and Maili New Chernhoal C 555 Moline Str Nurora, CO 800: erator's Phone: (970)	eet LO			General SA	455.0	ss (if different t	han mailing addres	s)		
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	7. Tra	ansporter 2 Company Nan	ne ~						U.S. EPA ID N	umber	1105	
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	9a. HM		ion (including Proper Shippi any))	ng Name, Hazard Class, ID	Number,		10. Cont No.	ainers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Wasl	e Codes
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DESIGNATED FACILITY	1	Vitemate Facility (or Geder	rator)						U.S. EPA ID N	umber		
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SIG	19. Ha	azardous Waste Report M	anagement Method Codes (i.e., codes for hazardous w	raste treatment, dis	posal, and rec	ycling systems)			- 10		
— DE		H132	2.			3.			1	110	147	5
1			or Operator: Certification of r	eceipt of hazardous materia	ils covered by the		l as noted in Ite	m 18a	2001	401	1 7 ()
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FPA	Form	8700-22 (Rev 3-05) [Previous editions are obs	nlete		22778		STATE OF THE PARTY.	ncel	CHATCHE	ACILITY TO	CENEDATOR



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LOAD DISPOSAL DESTINATION	112:	54 10 10 14 60780 15 GROSS
STABILIZATION RCRA CELL TSCA CELL STABILIZATION	4	0 1b TARE 60780 1b NET
LOAD TRACKING INFORMATION		
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10-10-14 2014011475	TARE Ibs.	41220
DOW) HAULER	NET 16s.	19560 1
ORDER NO. 1401633318	, 1	
TRUCK NO. CONTAINER NO. (s)/, RAILCAR NO.		2
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OPERATOR SIGNATURE COUNT DATE		
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Clean Harbors Grassy Mountain Facility, Tooele County, Utah		

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations

GM



CERTIFICATE OF DISPOSAL

Generator Facility Name:

Dow Chemical Company

Sales Order#:

1401533075

Generator Address:

Generator EPA ID:

3555 Moline Street

Date Received:

9/5/2014

Aurora, CO, 80010

Generator Contact Name:

COD030446637

Load #:

14010082

Manifest #:

1401533075

Original Date Removed Unit CH ID# From Service Type

Serial #/ **Customer ID**

Material Description Disposal Date

Method of Disposal

Disposal Facility

40402242

8/18/2014

CM

40402242/

PCB Solids For Landfill

9/5/2014

Landfill

Grassy Mountain, UT

Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Ahane B. Whitney
Authorized Agent

Monday, September 08, 2014

A7 1401533075-001 SC PPW 8/10/2014 Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number 4. Manifest Tracking Number 2. Page 1 of 3. Emergency Response Phone COD030446637 1 (800) 483-3718 00/02054 **WASTE MANIFEST** 5. Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) **Dow Chemical Company** 3555 Moline Street Aurora, CO 80010 SAME Generator's Phone: (970) 256-8889 6. Transporter 1 Company Name U.S. EPA ID Number MAD03 9322250 7. Transporter 2 Company Name U.S. EPA ID Numbe 8. Designated Facility Name and Site Address U.S. EPA ID Number Clean Harbors Grassy Mountain LLC UTD991301748 3 Miles East 7 Miles North of Knolls Grantsville, UT 84029 Facility's Phone: (435) 884-8900 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 12. Unil 13. Waste Codes and Packing Group (if any)) НМ Quantity WL/Vol. No Type RO. UN3432. POLYCHLORINATED BIPHENYLS. SOLID . 3406 GENERATOR MIXTURE, 9, PG III X 14. Special Handling Instructions and Additional Information 1 CH807319B ERG#171 OSD: 8-18-14 15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true. Generator's/Offeror's Printed/Typed Name ON Beno It 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S. 17. Transporter Acknowledgment of Receipt of Materials TR ANSPORT Transporter 1 Printed/Typed Name Sionature **esus** abrero Transporter 2 Printed/Typed Name 18. Discrepancy 18a. Discrepancy Indication Space De GMWeig N+ 8 8036KG Per Michael W. Full Rejection 18b. Alternate Facility (or Generator) DESIGNATED FACILITY Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Day Month Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1 H132

Signature

DESIGNATED FACILITY TO GENERAL

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.



LOAD	DISPOSAL DESTI	INATION				
STABILIZATION RCRA C	ELLTSCA CE	STA	SPOT BILIZATION			
LOADT	RACKING INFOR					
PLANT RECEIVED DROPPED FINAL	CODE REVIEWED WEIG	GHTS GRIDS	MANIFEST MAILED		11:50 09 (59200 0 59200	16 GROSS 16 TARE
DATE	LOAD NO.			M	07200	100
9-5-14 GENERATOR	2014 HAULER	D10082	2			
ORDER NO.	DRUM NO.	HES_				10
1401533019	ER NO. (S)/ RAILCAR NO.	40224	2	05/9	Ger/2014	13:57:34
	251377			GPAS	SS lbs.	59200
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OPERATOR-SIGNATURE		COUNT	DATE	HET	lbs.	17720√
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WASHOUT: TYPI	Mark Control		10.100			
YES NO IN	TERIOR EXTERI	OP				
WASHOUT SIGNATURE	DATE	,				
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DRIVER SIGNATURE	DATE			150	£3	
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<u></u>	ntain Facility, Tooele C					

WHITE - Facility

CANARY - Generator

PINK - Transporter

GREEN - Receiving

GOLD - Operations



October 3, 2014

Mr. Timothy A. Moore CTI & Associates, Inc. 51331 West Pontiac Trail Wixom, MI 48393

Dear Tim:

Please accept this letter as evidence of availability for the Class 6 Road Base from Specification Aggregates Quarry which is located at 19301 West Colfax Avenue in Golden, CO 80401.

CTI, URS, and their representatives have right of access to said properties during our normal hours of operation within the contract dates. However, we do ask that a representative from Martin Marietta accompany all visitors when accessing quarry premises. Please contact me at 720-245-6404 to schedule a time to meet at the quarry to view and/or sample materials.

Sincerely,

Nate Grueter

Inside Sales Representative Rocky Mountain Division

CT LABORATORIES

delivering more than data from your environmental analyses

ANALYTICAL REPORT

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

This report has been specifically prepared to satisfy project or program requirements. These results are in compliance with NELAC requirements for parameters where accreditation is required or available, unless otherwise noted in the case narrative.



CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913

608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

CTI & ASSOCIATES
TIM MOORE

51331 PONTIAC TRAIL

WIXOM, MI 48393

Project Name: MOLINE STREET

Project Phase:

Contract #: 2676

Project #: 2146090001

Folder #: 107209

Purchase Order #:

Page 1 of 18

Arrival Temperature: 4.8

Report Date: 10/8/2014

Date Received: 10/2/2014

Reprint Date: 10/8/2014

								•	
Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Analyst Date/Time	Method
Inorganic Results									
Solids, Percent	88.5	%	0.1	0.1	1			10/3/2014 11:00 BMS	EPA 8000C
Metals Results									
Arsenic	1.6	mg/kg	0.20	0.72	1	В	10/3/2014 08:00	10/3/2014 13:41 MDS	EPA 6010C
Barium	74.2	mg/kg	0.026	0.092	1		10/3/2014 08:00	10/3/2014 13:41 MDS	EPA 6010C
Cadmium	0.44	mg/kg	0.012	0.042	1		10/3/2014 08:00	10/3/2014 13:41 MDS	EPA 6010C
Chromium	28.1	mg/kg	0.046	0.14	1		10/3/2014 08:00	10/3/2014 13:41 MDS	EPA 6010C
Lead	1.8	mg/kg	0.17	0.57	1		10/3/2014 08:00	10/3/2014 13:41 MDS	EPA 6010C
Selenium	< 0.33	mg/kg	0.33	1.1	1		10/3/2014 08:00	10/3/2014 13:41 MDS	EPA 6010C
Silver	< 0.079	mg/kg	0.079	0.26	1		10/3/2014 08:00	10/3/2014 13:41 MDS	EPA 6010C
Mercury	0.023	mg/kg	0.0019	0.0061	1		10/6/2014 12:00	10/7/2014 12:51 LJF	EPA 7471B
Organic Results									
1,2,4,5-Tetrachlorobenzene	<0.028	mg/kg	0.028	0.090	1		10/2/2014 13:30	10/6/2014 12:22 RPN	EPA 8270D
1,2,4-Trichlorobenzene	<0.026	mg/kg	0.026	0.082	1		10/2/2014 13:30	10/6/2014 12:22 RPN	EPA 8270D
1,2-Dichlorobenzene	<0.028	mg/kg	0.028	0.089	1		10/2/2014 13:30	10/6/2014 12:22 RPN	EPA 8270D

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CTI & ASSOCIATES
Project Name: MOLINE STREET
Project #: 2146090001

Contract #: 2676 Folder #: 107209 Page 2 of 18

Project Phase:

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis An Date/Time	alyst	Method
1,3-Dichlorobenzene	<0.023	mg/kg	0.022	0.073	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
1,4-Dichlorobenzene	< 0.023	mg/kg	0.022	0.072	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4,5-Trichlorophenol	< 0.032	mg/kg	0.031	0.10	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4,6-Trichlorophenol	< 0.030	mg/kg	0.029	0.092	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4-Dichlorophenol	< 0.031	mg/kg	0.030	0.097	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4-Dimethylphenol	<0.027	mg/kg	0.027	0.085	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4-Dinitrophenol	<0.11	mg/kg	0.11	0.37	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,4-Dinitrotoluene	< 0.025	mg/kg	0.025	0.081	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2,6-Dichlorophenol	<0.026	mg/kg	0.026	0.082	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
,6-Dinitrotoluene	< 0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
-Chloronaphthalene	<0.018	mg/kg	0.018	0.057	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
-Chlorophenol	< 0.031	mg/kg	0.030	0.096	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
-Methylnaphthalene	< 0.045	mg/kg	0.045	0.15	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
-Methylphenol	< 0.034	mg/kg	0.034	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2-Nitroaniline	< 0.023	mg/kg	0.022	0.070	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
2-Nitrophenol	<0.026	mg/kg	0.026	0.082	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
8 & 4-Methylphenol	< 0.034	mg/kg	0.034	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
3,3'-Dichlorobenzidine	< 0.034	mg/kg	0.034	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
3-Nitroaniline	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
,6-Dinitro-2-methylphenol	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
-Bromophenyl-phenyl ether	<0.020	mg/kg	0.017	0.064	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
-Chloro-3-methylphenol	<0.031	mg/kg	0.030	0.098	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
-Chloroaniline	<0.011	mg/kg	0.011	0.036	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
-Chlorophenyl-phenyl ether	<0.026	mg/kg	0.026	0.083	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
-Nitroaniline	< 0.034	mg/kg	0.034	0.12	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D

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CTI & ASSOCIATES Project Name: MOLINE STREET Project #: 2146090001

Project Phase:

Contract #: 2676 Folder #: 107209 Page 3 of 18

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Analyst Method Date/Time
4-Nitrophenol	<0.11	mg/kg	0.11	0.36	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Acenaphthene	<0.026	mg/kg	0.026	0.083	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Acenaphthylene	<0.027	mg/kg	0.027	0.087	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Acetophenone	<0.030	mg/kg	0.029	0.092	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Aniline	<0.012	mg/kg	0.012	0.038	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Anthracene	<0.024	mg/kg	0.024	0.076	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Azobenzene & 1,2-Diphenylhydra	<0.057	mg/kg	0.056	0.19	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Benzidine	<0.45	mg/kg	0.45	1.3	1	M,Y	10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Benzo(a)anthracene	<0.025	mg/kg	0.025	0.079	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Benzo(a)pyrene	<0.023	mg/kg	0.022	0.072	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Benzo(b)fluoranthene	<0.016	mg/kg	0.016	0.051	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Benzo(g,h,i)perylene	<0.033	mg/kg	0.033	0.10	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Benzo(k)fluoranthene	<0.019	mg/kg	0.019	0.060	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Benzyl alcohol	<0.022	mg/kg	0.021	0.070	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Bis(2-chloroethoxy)methane	<0.024	mg/kg	0.024	0.075	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Bis(2-chloroethyl)ether	<0.018	mg/kg	0.018	0.056	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Bis(2-chloroisopropyl)ether	<0.028	mg/kg	0.028	0.088	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Bis(2-ethylhexyl)phthalate	0.051	mg/kg	0.021 *	0.070	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Butylbenzylphthalate	<0.019	mg/kg	0.019	0.061	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Carbazole	<0.031	mg/kg	0.030	0.096	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Chrysene	<0.027	mg/kg	0.027	0.087	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Di-n-butylphthalate	<0.024	mg/kg	0.024	0.074	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Di-n-octylphthalate	<0.022	mg/kg	0.021	0.069	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Dibenzo(a,h)anthracene	<0.025	mg/kg	0.025	0.079	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D
Dibenzofuran	< 0.023	mg/kg	0.022	0.071	1		10/2/2014 13:30	10/6/2014 12:22 RPN EPA 8270D

CTI & ASSOCIATES
Project Name: MOLINE STREET

Project #: 2146090001 Project Phase: Contract #: 2676 Folder #: 107209 Page 4 of 18

Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis An Date/Time	nalyst	Method
Diethylphthalate	<0.023	mg/kg	0.022	0.071	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Dimethylphthalate	<0.026	mg/kg	0.026	0.083	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Fluoranthene	< 0.024	mg/kg	0.024	0.074	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Fluorene	< 0.025	mg/kg	0.025	0.080	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
łexachlorobenzene	< 0.034	mg/kg	0.034	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
lexachlorobutadiene	< 0.032	mg/kg	0.031	0.10	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
lexachlorocyclopentadiene	<0.017	mg/kg	0.017	0.052	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Hexachloroethane	<0.028	mg/kg	0.028	0.089	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
lexachloropropene	<0.027	mg/kg	0.027	0.087	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
ndeno(1,2,3-cd)pyrene	<0.027	mg/kg	0.027	0.084	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
ophorone	<0.030	mg/kg	0.029	0.093	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
I-Nitroso-di-n-propylamine	< 0.030	mg/kg	0.029	0.094	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
l-Nitrosodimethylamine	<0.031	mg/kg	0.030	0.098	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
l-Nitrosodiphenylamine & Diphn	< 0.034	mg/kg	0.034	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
I-Nitrosopyrrolidine	< 0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
laphthalene	<0.020	mg/kg	0.020	0.063	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
litrobenzene	< 0.045	mg/kg	0.045	0.12	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Pentachlorophenol	< 0.024	mg/kg	0.024	0.074	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Phenanthrene	<0.018	mg/kg	0.018	0.055	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Phenol	< 0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Pyrene	<0.020	mg/kg	0.020	0.065	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
Pyridine	<0.019	mg/kg	0.019	0.060	1		10/2/2014 13:30	10/6/2014 12:22	RPN	EPA 8270D
olatile Organic Compounds 8260 Commen	ts: Suspected	methylene chlor	de laboratory conta	mination.						
.1.1,2-Tetrachloroethane	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:22		EPA 8260C

CTI & ASSOCIATES
Project Name: MOLINE STREET

Project #: 2146090001 Project Phase: Contract #: 2676 Folder #: 107209 Page 5 of 18

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis A Date/Time	nalyst	Method
/olatile Organic Compounds 8260 Com	nments: Suspected	methylene chlorid	de laboratory conta	mination.						
,1,1-Trichloroethane	<0.012	mg/kg	0.012	0.043	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,1,2,2-Tetrachloroethane	<0.019	mg/kg	0.019	0.066	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,1,2-Trichloroethane	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,1-Dichloroethane	<0.018	mg/kg	0.018	0.061	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,1-Dichloroethene	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,1-Dichloropropene	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,2,3-Trichlorobenzene	<0.018	mg/kg	0.018	0.059	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,2,3-Trichloropropane	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,2,4-Trichlorobenzene	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,2,4-Trimethylbenzene	< 0.019	mg/kg	0.019	0.062	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,2-Dibromo-3-chloropropane	<0.018	mg/kg	0.018	0.059	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,2-Dibromoethane	<0.019	mg/kg	0.019	0.062	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,2-Dichlorobenzene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,2-Dichloroethane	< 0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,2-Dichloropropane	<0.019	mg/kg	0.019	0.066	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,3,5-Trimethylbenzene	<0.019	mg/kg	0.019	0.062	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,3-Dichlorobenzene	<0.012	mg/kg	0.012	0.043	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,3-Dichloropropane	<0.018	mg/kg	0.018	0.059	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
,4-Dichlorobenzene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
2,2-Dichloropropane	<0.016	mg/kg	0.016	0.051	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
2-Butanone	<0.16	mg/kg	0.16	0.52	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
2-Chlorotoluene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
?-Hexanone	<0.18	mg/kg	0.18	0.60	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C

CTI & ASSOCIATES
Project Name: MOLINE STREET
Project #: 2146090001

Project Phase:

Contract #: 2676 Folder #: 107209 Page 6 of 18

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Analys Date/Time	t Method
Volatile Organic Compounds 8260 Co	omments: Suspected	methylene chlor	ide laboratory conta	mination.					
4-Chlorotoluene	<0.018	mg/kg	0.018	0.061	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
4-Methyl-2-pentanone	<0.17	mg/kg	0.17	0.58	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Acetone	<0.16	mg/kg	0.16	0.52	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Benzene	< 0.0090	mg/kg	0.0090	0.032	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Bromobenzene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Bromochloromethane	<0.023	mg/kg	0.023	0.073	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Bromodichloromethane	< 0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Bromoform	<0.016	mg/kg	0.016	0.051	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Bromomethane	<0.056	mg/kg	0.056	0.19	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Carbon disulfide	< 0.034	mg/kg	0.034	0.11	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Carbon tetrachloride	<0.016	mg/kg	0.016	0.052	1	Υ	10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Chlorobenzene	<0.020	mg/kg	0.020	0.068	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Chloroethane	<0.056	mg/kg	0.056	0.17	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Chloroform	< 0.017	mg/kg	0.017	0.055	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Chloromethane	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
cis-1,2-Dichloroethene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
cis-1,3-Dichloropropene	<0.014	mg/kg	0.014	0.045	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Dibromochloromethane	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Dibromomethane	< 0.014	mg/kg	0.014	0.044	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Dichlorodifluoromethane	< 0.014	mg/kg	0.014	0.045	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Diisopropyl ether	<0.018	mg/kg	0.018	0.061	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Ethylbenzene	< 0.0079	mg/kg	0.0079	0.025	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C
Hexachlorobutadiene	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:22 RL	D EPA 8260C

CTI & ASSOCIATES
Project Name: MOLINE STREET

Project #: 2146090001 Project Phase: Contract #: 2676 Folder #: 107209 Page 7 of 18

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis A Date/Time	nalyst	Method
Volatile Organic Compounds 8260 C	omments: Suspected	methylene chlor	ide laboratory conta	mination.						
Isopropylbenzene	<0.020	mg/kg	0.020	0.069	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
m & p-Xylene	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Methyl tert-butyl ether	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Methylene chloride	0.030	mg/kg	0.025 *	0.084	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
n-Butylbenzene	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
n-Propylbenzene	<0.017	mg/kg	0.017	0.055	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Naphthalene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
o-Xylene	<0.0090	mg/kg	0.0090	0.031	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
o-Isopropyltoluene	<0.018	mg/kg	0.018	0.060	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
sec-Butylbenzene	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Styrene	<0.021	mg/kg	0.021	0.071	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
ert-Butylbenzene	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Tetrachloroethene	<0.012	mg/kg	0.012	0.041	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Tetrahydrofuran	<0.12	mg/kg	0.12	0.42	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Toluene	<0.012	mg/kg	0.012	0.042	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
rans-1,2-Dichloroethene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
rans-1,3-Dichloropropene	<0.019	mg/kg	0.019	0.064	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Trichloroethene	<0.012	mg/kg	0.012	0.042	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
Trichlorofluoromethane	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
/inyl acetate	<0.18	mg/kg	0.18	0.59	1	Z,M	10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
/inyl chloride	<0.014	mg/kg	0.014	0.046	1		10/2/2014 13:00	10/3/2014 13:22	RLD	EPA 8260C
4,4'-DDD	<0.0012	mg/kg	0.0012	0.0043	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B
4,4'-DDE	< 0.0012	mg/kg	0.0012	0.0041	1		10/2/2014 13:30	10/6/2014 22:54	JJY	EPA 8081B

CTI & ASSOCIATES
Project Name: MOLINE STREET
Project #: 2146090001

Project Phase:

Contract #: 2676 Folder #: 107209 Page 8 of 18

nalyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Analyst Date/Time	Method
,4'-DDT	<0.0011	mg/kg	0.0011	0.0037	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
ldrin	<0.00090	mg/kg	0.00090	0.0029	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
lpha-BHC	<0.00045	mg/kg	0.00045	0.0017	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
lpha-Chlordane	<0.00057	mg/kg	0.00057	0.0020	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
eta-BHC	<0.00090	mg/kg	0.00090	0.0029	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
Chlordane (Technical)	< 0.0057	mg/kg	0.0057	0.020	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
elta-BHC	<0.00079	mg/kg	0.00079	0.0026	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
Dieldrin	<0.00068	mg/kg	0.00068	0.0024	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
indosulfan I	<0.00068	mg/kg	0.00068	0.0024	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
indosulfan II	<0.00068	mg/kg	0.00068	0.0021	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
ndosulfan sulfate	<0.0015	mg/kg	0.0015	0.0050	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
indrin	0.0010	mg/kg	0.00068 *	0.0024	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
ndrin aldehyde	<0.0012	mg/kg	0.0012	0.0040	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
ndrin ketone	0.0034	mg/kg	0.0017 *	0.0055	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
amma-Chlordane	<0.00057	mg/kg	0.00057	0.0017	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
leptachlor	<0.0021	mg/kg	0.0021	0.0071	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
leptachlor epoxide	0.0024	mg/kg	0.00090 *	0.0031	1	Р	10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
indane	< 0.00057	mg/kg	0.00057	0.0018	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
Methoxychlor	<0.0011	mg/kg	0.0011	0.0038	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
oxaphene	<0.010	mg/kg	0.010	0.035	1		10/2/2014 13:30	10/6/2014 22:54 JJY	EPA 8081B
roclor-1016	<0.011	mg/kg	0.011	0.038	1		10/2/2014 13:30	10/6/2014 11:46 JJY	EPA 8082A
roclor-1221	<0.012	mg/kg	0.012	0.040	1		10/2/2014 13:30	10/6/2014 11:46 JJY	EPA 8082A
roclor-1232	<0.0090	mg/kg	0.0090	0.031	1		10/2/2014 13:30	10/6/2014 11:46 JJY	EPA 8082A
roclor-1242	<0.0045	mg/kg	0.0045	0.016	1		10/2/2014 13:30	10/6/2014 11:46 JJY	EPA 8082A
roclor-1248	<0.0034	mg/kg	0.0034	0.010	1		10/2/2014 13:30	10/6/2014 11:46 JJY	EPA 8082A

CTI & ASSOCIATES
Project Name: MOLINE STREET

Project #: 2146090001

Project Phase:

Contract #: 2676 Folder #: 107209 Page 9 of 18

CT LAB Sample#: 504333 Sample Description: MOLINE-10-01-14-MM-S1 Sampled: 10/1/2014 1230 LOD LOQ Analyte Result Units Dilution Qualifier Prep Analysis Analyst Method Date/Time Date/Time Aroclor-1254 < 0.0057 mg/kg 0.0057 0.019 10/2/2014 13:30 10/6/2014 11:46 JJY **EPA 8082A** Aroclor-1260 < 0.012 mg/kg 0.012 0.040 10/2/2014 13:30 10/6/2014 11:46 **EPA 8082A Sub Lab Results** Herbicides **ATTACHED** N/A N/A 1 10/8/2014 15:30 PML SW8151 CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2 Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Analyst Date/Time	Method
Inorganic Results									
Solids, Percent	87.1	%	0.1	0.1	1			10/3/2014 11:00 BMS	EPA 8000C
Metals Results									
Arsenic	1.6	mg/kg	0.20	0.74	1	В	10/3/2014 08:00	10/3/2014 14:02 MDS	EPA 6010C
Barium	106	mg/kg	0.027	0.095	1		10/3/2014 08:00	10/3/2014 14:02 MDS	EPA 6010C
Cadmium	0.45	mg/kg	0.013	0.043	1		10/3/2014 08:00	10/3/2014 14:02 MDS	EPA 6010C
Chromium	21.1	mg/kg	0.047	0.15	1		10/3/2014 08:00	10/3/2014 14:02 MDS	EPA 6010C
Lead	1.7	mg/kg	0.18	0.59	1		10/3/2014 08:00	10/3/2014 14:02 MDS	EPA 6010C
Selenium	<0.34	mg/kg	0.34	1.1	1		10/3/2014 08:00	10/3/2014 14:02 MDS	EPA 6010C
Silver	<0.081	mg/kg	0.081	0.26	1		10/3/2014 08:00	10/3/2014 14:02 MDS	EPA 6010C
Mercury	0.0073	mg/kg	0.0019	0.0063	1		10/6/2014 12:00	10/7/2014 12:52 LJF	EPA 7471B
Organic Results									
1,2,4,5-Tetrachlorobenzene	<0.029	mg/kg	0.029	0.092	1		10/2/2014 13:30	10/6/2014 12:42 RPN	EPA 8270D
1,2,4-Trichlorobenzene	<0.026	mg/kg	0.026	0.084	1		10/2/2014 13:30	10/6/2014 12:42 RPN	EPA 8270D
1,2-Dichlorobenzene	<0.029	mg/kg	0.029	0.091	1		10/2/2014 13:30	10/6/2014 12:42 RPN	EPA 8270D

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CTI & ASSOCIATES
Project Name: MOLINE STREET
Project #: 2146090001

Contract #: 2676 Folder #: 107209 Page 10 of 18

Project Phase:

Analyte 	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Analyst Date/Time	Method
1,3-Dichlorobenzene	<0.023	mg/kg	0.023	0.075	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
1,4-Dichlorobenzene	< 0.023	mg/kg	0.023	0.074	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
2,4,5-Trichlorophenol	< 0.032	mg/kg	0.032	0.10	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
2,4,6-Trichlorophenol	< 0.030	mg/kg	0.030	0.094	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
2,4-Dichlorophenol	< 0.031	mg/kg	0.031	0.099	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
2,4-Dimethylphenol	<0.028	mg/kg	0.028	0.087	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
4,4-Dinitrophenol	<0.12	mg/kg	0.12	0.38	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
2,4-Dinitrotoluene	<0.025	mg/kg	0.025	0.083	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
,6-Dichlorophenol	<0.026	mg/kg	0.026	0.084	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
,6-Dinitrotoluene	< 0.036	mg/kg	0.036	0.11	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Chloronaphthalene	<0.018	mg/kg	0.018	0.059	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Chlorophenol	<0.031	mg/kg	0.031	0.098	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Methylnaphthalene	<0.046	mg/kg	0.046	0.15	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Methylphenol	< 0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Nitroaniline	< 0.023	mg/kg	0.023	0.071	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Nitrophenol	<0.026	mg/kg	0.026	0.084	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
& 4-Methylphenol	< 0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
,3'-Dichlorobenzidine	< 0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Nitroaniline	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
,6-Dinitro-2-methylphenol	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Bromophenyl-phenyl ether	<0.021	mg/kg	0.017	0.066	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Chloro-3-methylphenol	<0.031	mg/kg	0.031	0.10	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Chloroaniline	<0.012	mg/kg	0.012	0.037	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Chlorophenyl-phenyl ether	<0.026	mg/kg	0.026	0.085	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D
-Nitroaniline	< 0.035	mg/kg	0.035	0.13	1		10/2/2014 13:30	10/6/2014 12:42 RPN I	EPA 8270D

CT LABORATORIES delivering more than data from your environmental analyses

CTI & ASSOCIATES
Project Name: MOLINE STREET
Project #: 2146090001

Project Phase:

Contract #: 2676 Folder #: 107209 Page 11 of 18

CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2 Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Analy Date/Time	st Method
4-Nitrophenol	<0.12	mg/kg	0.12	0.37	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Acenaphthene	<0.026	mg/kg	0.026	0.085	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Acenaphthylene	<0.028	mg/kg	0.028	0.089	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Acetophenone	<0.030	mg/kg	0.030	0.094	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Aniline	<0.013	mg/kg	0.013	0.039	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Anthracene	<0.024	mg/kg	0.024	0.078	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Azobenzene & 1,2-Diphenylhydra	<0.058	mg/kg	0.058	0.20	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Benzidine	<0.46	mg/kg	0.46	1.4	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Benzo(a)anthracene	<0.025	mg/kg	0.025	0.081	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Benzo(a)pyrene	<0.023	mg/kg	0.023	0.074	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Benzo(b)fluoranthene	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Benzo(g,h,i)perylene	< 0.033	mg/kg	0.033	0.11	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Benzo(k)fluoranthene	<0.020	mg/kg	0.020	0.061	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Benzyl alcohol	<0.022	mg/kg	0.022	0.071	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Bis(2-chloroethoxy)methane	<0.024	mg/kg	0.024	0.077	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Bis(2-chloroethyl)ether	<0.018	mg/kg	0.018	0.058	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Bis(2-chloroisopropyl)ether	<0.029	mg/kg	0.029	0.090	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Bis(2-ethylhexyl)phthalate	0.058	mg/kg	0.022 *	0.071	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Butylbenzylphthalate	<0.020	mg/kg	0.020	0.062	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Carbazole	<0.031	mg/kg	0.031	0.098	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Chrysene	<0.028	mg/kg	0.028	0.089	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Di-n-butylphthalate	<0.024	mg/kg	0.024	0.076	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Di-n-octylphthalate	<0.022	mg/kg	0.022	0.070	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Dibenzo(a,h)anthracene	<0.025	mg/kg	0.025	0.081	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D
Dibenzofuran	<0.023	mg/kg	0.023	0.072	1		10/2/2014 13:30	10/6/2014 12:42 R	PN EPA 8270D

CT LABORATORIES delivering more than data from your environmental analyses

CTI & ASSOCIATES
Project Name: MOLINE STREET
Project #: 2146090001

Project Phase:

Contract #: 2676 Folder #: 107209 Page 12 of 18

CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2 Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis A Date/Time	nalyst	Method
Diethylphthalate	<0.023	mg/kg	0.023	0.072	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Dimethylphthalate	<0.026	mg/kg	0.026	0.085	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Fluoranthene	<0.024	mg/kg	0.024	0.076	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Fluorene	<0.025	mg/kg	0.025	0.082	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Hexachlorobenzene	<0.035	mg/kg	0.035	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Hexachlorobutadiene	<0.032	mg/kg	0.032	0.10	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Hexachlorocyclopentadiene	<0.017	mg/kg	0.017	0.053	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Hexachloroethane	<0.029	mg/kg	0.029	0.091	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Hexachloropropene	<0.028	mg/kg	0.028	0.089	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
ndeno(1,2,3-cd)pyrene	<0.028	mg/kg	0.028	0.086	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
sophorone	<0.030	mg/kg	0.030	0.095	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
I-Nitroso-di-n-propylamine	<0.030	mg/kg	0.030	0.097	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
I-Nitrosodimethylamine	<0.031	mg/kg	0.031	0.10	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
N-Nitrosodiphenylamine & Diphn	<0.035	mg/kg	0.035	0.12	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
N-Nitrosopyrrolidine	<0.036	mg/kg	0.036	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Naphthalene	<0.021	mg/kg	0.021	0.064	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Nitrobenzene	<0.046	mg/kg	0.046	0.13	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Pentachlorophenol	<0.024	mg/kg	0.024	0.076	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Phenanthrene	<0.018	mg/kg	0.018	0.056	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Phenol	<0.036	mg/kg	0.036	0.11	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Pyrene	<0.021	mg/kg	0.021	0.067	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
Pyridine	<0.020	mg/kg	0.020	0.061	1		10/2/2014 13:30	10/6/2014 12:42	RPN	EPA 8270D
olatile Organic Compounds 8260 Comment	s: Suspected	methylene chlo	ride laboratory contar	mination.						
.1.1.2-Tetrachloroethane	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:53	BI D	EPA 8260C

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CTI & ASSOCIATES Project Name: MOLINE STREET

Project #: 2146090001

Folder #: 107209 Page 13 of 18

Contract #: 2676

Project Phase:

CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2 Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis A Date/Time	nalyst	Method
/olatile Organic Compounds 8260 Cor	mments: Suspected	methylene chlorid	de laboratory conta	mination.						
1,1,1-Trichloroethane	<0.013	mg/kg	0.013	0.043	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.019	mg/kg	0.019	0.066	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,1,2-Trichloroethane	<0.016	mg/kg	0.016	0.055	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,1-Dichloroethane	<0.018	mg/kg	0.018	0.062	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,1-Dichloroethene	<0.016	mg/kg	0.016	0.055	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,1-Dichloropropene	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,2,3-Trichlorobenzene	<0.018	mg/kg	0.018	0.060	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,2,3-Trichloropropane	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,2,4-Trichlorobenzene	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,2,4-Trimethylbenzene	<0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,2-Dibromo-3-chloropropane	<0.018	mg/kg	0.018	0.060	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,2-Dibromoethane	< 0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,2-Dichlorobenzene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,2-Dichloroethane	<0.016	mg/kg	0.016	0.055	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,2-Dichloropropane	< 0.019	mg/kg	0.019	0.066	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,3,5-Trimethylbenzene	< 0.019	mg/kg	0.019	0.063	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,3-Dichlorobenzene	<0.013	mg/kg	0.013	0.043	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,3-Dichloropropane	<0.018	mg/kg	0.018	0.060	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,4-Dichlorobenzene	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
,2-Dichloropropane	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
-Butanone	<0.16	mg/kg	0.16	0.53	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
-Chlorotoluene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
-Hexanone	<0.18	mg/kg	0.18	0.61	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C

CT LABORATORIES delivering more than data from your environmental analyses

CTI & ASSOCIATES
Project Name: MOLINE STREET

Project #: 2146090001

Project Phase:

Contract #: 2676 Folder #: 107209 Page 14 of 18

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis A Date/Time	nalyst	Method
olatile Organic Compounds 8260 C	Comments: Suspected	methylene chlor	ide laboratory conta	mination.						
4-Chlorotoluene	<0.018	mg/kg	0.018	0.062	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.17	mg/kg	0.17	0.58	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Acetone	<0.16	mg/kg	0.16	0.53	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Benzene	<0.0092	mg/kg	0.0092	0.032	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Bromobenzene	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Bromochloromethane	<0.023	mg/kg	0.023	0.074	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Bromodichloromethane	<0.017	mg/kg	0.017	0.057	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Bromoform	<0.016	mg/kg	0.016	0.052	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
romomethane	<0.057	mg/kg	0.057	0.19	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Carbon disulfide	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Carbon tetrachloride	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Chlorobenzene	<0.021	mg/kg	0.021	0.069	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Chloroethane	<0.057	mg/kg	0.057	0.17	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Chloroform	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Chloromethane	<0.016	mg/kg	0.016	0.055	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
is-1,2-Dichloroethene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
is-1,3-Dichloropropene	<0.014	mg/kg	0.014	0.046	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Dibromochloromethane	<0.015	mg/kg	0.015	0.050	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Dibromomethane	<0.014	mg/kg	0.014	0.045	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
ichlorodifluoromethane	<0.014	mg/kg	0.014	0.046	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
iisopropyl ether	<0.018	mg/kg	0.018	0.062	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
thylbenzene	<0.0080	mg/kg	0.0080	0.025	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Hexachlorobutadiene	<0.017	mg/kg	0.017	0.057	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C

CT LABORATORIES delivering more than data from your environmental analyses

CTI & ASSOCIATES
Project Name: MOLINE STREET
Project #: 2146090001

Project #. 21460 Project Phase: Contract #: 2676 Folder #: 107209 Page 15 of 18

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis A Date/Time	nalyst	Method
/olatile Organic Compounds 8260 C	omments: Suspected	methylene chlor	ide laboratory conta	mination.						
sopropylbenzene	<0.021	mg/kg	0.021	0.070	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
m & p-Xylene	<0.034	mg/kg	0.034	0.11	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Methyl tert-butyl ether	<0.019	mg/kg	0.019	0.064	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Methylene chloride	0.033	mg/kg	0.025 *	0.085	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
n-Butylbenzene	<0.019	mg/kg	0.019	0.064	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
n-Propylbenzene	<0.017	mg/kg	0.017	0.056	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Naphthalene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
o-Xylene	<0.0092	mg/kg	0.0092	0.031	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
o-Isopropyltoluene	<0.018	mg/kg	0.018	0.061	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
ec-Butylbenzene	<0.019	mg/kg	0.019	0.064	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Styrene	<0.022	mg/kg	0.022	0.072	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
ert-Butylbenzene	<0.019	mg/kg	0.019	0.064	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.013	0.041	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Tetrahydrofuran	<0.13	mg/kg	0.13	0.42	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.013	0.042	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
rans-1,2-Dichloroethene	<0.016	mg/kg	0.016	0.053	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
rans-1,3-Dichloropropene	<0.019	mg/kg	0.019	0.065	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
richloroethene	<0.013	mg/kg	0.013	0.042	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
Trichlorofluoromethane	<0.016	mg/kg	0.016	0.054	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
/inyl acetate	<0.18	mg/kg	0.18	0.60	1	Z	10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
/inyl chloride	<0.014	mg/kg	0.014	0.047	1		10/2/2014 13:00	10/3/2014 13:53	RLD	EPA 8260C
I,4'-DDD	<0.0013	mg/kg	0.0013	0.0044	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B
1,4'-DDE	< 0.0013	mg/kg	0.0013	0.0041	1		10/2/2014 13:30	10/6/2014 22:37	JJY	EPA 8081B

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delivering more than data from your environmental analyses

CTI & ASSOCIATES Project Name: MOLINE STREET

Project #: 2146090001 Project Phase:

Contract #: 2676 Folder #: 107209 Page 16 of 18

CT LAB Sample#: 504334 Sample Description: MOLINE-10-01-14-MM-S2 Sampled: 10/1/2014 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Analyst Date/Time	Method
4,4'-DDT	<0.0011	mg/kg	0.0011	0.0038	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Aldrin	<0.00092	mg/kg	0.00092	0.0030	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
alpha-BHC	<0.00046	mg/kg	0.00046	0.0017	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
alpha-Chlordane	< 0.00057	mg/kg	0.00057	0.0021	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
beta-BHC	<0.00092	mg/kg	0.00092	0.0030	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Chlordane (Technical)	< 0.0057	mg/kg	0.0057	0.021	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
delta-BHC	<0.00080	mg/kg	0.00080	0.0026	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Dieldrin	< 0.00069	mg/kg	0.00069	0.0024	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Endosulfan I	< 0.00069	mg/kg	0.00069	0.0024	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Endosulfan II	< 0.00069	mg/kg	0.00069	0.0022	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Endosulfan sulfate	<0.0015	mg/kg	0.0015	0.0051	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Endrin	< 0.00069	mg/kg	0.00069	0.0024	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Endrin aldehyde	< 0.0013	mg/kg	0.0013	0.0040	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Endrin ketone	< 0.0017	mg/kg	0.0017	0.0056	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
gamma-Chlordane	< 0.00057	mg/kg	0.00057	0.0017	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Heptachlor	< 0.0022	mg/kg	0.0022	0.0072	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Heptachlor epoxide	<0.00092	mg/kg	0.00092	0.0031	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Lindane	< 0.00057	mg/kg	0.00057	0.0018	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Methoxychlor	< 0.0011	mg/kg	0.0011	0.0039	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Toxaphene	<0.010	mg/kg	0.010	0.036	1		10/2/2014 13:30	10/6/2014 22:37 JJY	EPA 8081B
Aroclor-1016	<0.011	mg/kg	0.011	0.039	1		10/2/2014 13:30	10/6/2014 11:26 JJY	EPA 8082A
Aroclor-1221	<0.013	mg/kg	0.013	0.040	1		10/2/2014 13:30	10/6/2014 11:26 JJY	EPA 8082A
Aroclor-1232	<0.0092	mg/kg	0.0092	0.031	1		10/2/2014 13:30	10/6/2014 11:26 JJY	EPA 8082A
Aroclor-1242	<0.0046	mg/kg	0.0046	0.016	1		10/2/2014 13:30	10/6/2014 11:26 JJY	EPA 8082A
Aroclor-1248	< 0.0034	mg/kg	0.0034	0.010	1		10/2/2014 13:30	10/6/2014 11:26 JJY	EPA 8082A

CT LABORATORIES delivering more than data from your environmental analyses

CTI & ASSOCIATES
Project Name: MOLINE STREET

Project #: 2146090001

Project Phase:

Contract #: 2676 Folder #: 107209 Page 17 of 18

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Aroclor-1254	<0.0057	mg/kg	0.0057	0.020	1		10/2/2014 13:30	10/6/2014 11:20	S JJY	EPA 8082A
Aroclor-1260	<0.013	mg/kg	0.013	0.040	1		10/2/2014 13:30	10/6/2014 11:20	3 JJY	EPA 8082A
Sub Lab Results										
Herbicides	ATTACHED)	N/A	N/A	1			10/8/2014 15:30) PML	SW8151

CT LABORATORIES delivering more than data from your environmental analyses

CTI & ASSOCIATES
Project Name: MOLINE STREET
Project #: 2146090001

Project Phase:

Contract #: 2676 Folder #: 107209 Page 18 of 18

Notes: * Indicates Value in between the LOD (limit of detection) and the LOQ (limit of quantitation).

Analyte detected in the associated Method Blank.

Code

Description

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by:

Pat M. Letterer Project Manager 608-356-2760

QC Qualifiers

_	······································	
С	Toxicity present in BOD sample.	
D	Diluted Out.	
E	Safe, No Total Coliform detected.	
F	Unsafe, Total Coliform detected, no E. Coli detected.	
G	Unsafe, Total Coliform detected and E. Coli detected.	
Н	Holding time exceeded.	
I	BOD incubator temperature was outside acceptance limits during test period.	,
J	Estimated value.	,
L	Significant peaks were detected outside the chromatographic window.	
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.	
N	Insufficient BOD oxygen depletion.	
0	Complete BOD oxygen depletion.	
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.	
Q	Laboratory Control Sample outside acceptance limits.	
R	See Narrative at end of report.	
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.	
Т	Sample received with improper preservation or temperature.	
U	Analyte concentration was below detection limit.	
٧	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.	
W	Sample amount received was below program minimum.	
X	Analyte exceeded calibration range.	
Υ	Replicate/Duplicate precision outside acceptance limits.	
Z	Specified calibration criteria was not met.	

Current CT Laboratories Certifications

Florida NELAP ID# E871111 Kansas NELAP ID# E-10368

Kentucky ID# 0023

Pennsylvania NELAP ID# 68-04201 New Jersey NELAP ID# WI001

North Carolina ID# 674

Wisconsin (WDNR) Chemistry ID# 157066030 Wisconsin (DATCP) Bacteriology ID# 105-289

DoD-ELAP L-A-B Cert # L2392

Alaska ID # UST-099 Louisiana ID # 115843

Virginia ID# 460203

Illinois NELAP ID # 002413

ISO/IEC 17025-2005 L-A-B Cert # L2392

GA EPD Stipulation ID 115843, Expires Annually

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Table 12-1 – Select Fill Environmental Samples

Test	Test Method (Gurrent Version)	Test Frequency
Classification	ASTM D 2487	
Grain size with - #200 Wash	ASTM D 422	1
Moisture content	ASTM D 2216	Minimum 2 tests per source ⁽¹⁾
Atterberg limits	ASTM D 4318	
Laboratory Moisture-Density (Standard Proctor) (3)	ASTM D 698	Minimum 2 tests per material classification ⁽²⁾
Volatile Organic Compounds	EPA 8260C	2 composite samples from 2 locations in borrow for each sample
Semi-Volatile Organic	EPA 8270D	2 composite samples from 2 locations in
Compounds		borrow for each sample
Metals (Arsenic, Barium,	EPA 6020/7471	
Chromium, Cadmium,		2 composite samples from 2 locations in
Selenium, Lead and	•	borrow for each sample
Silver)/Mercury		
Herbicides	EPA 8151	2 composite samples from 2 locations in
		borrow for each sample
Pesticides	EPA 8081	2 composite samples from 2 locations in
		borrow for each sample
PCBs	8082A	2 composite samples from 2 locations in
		borrow for each sample
Toxicity Characteristic	EPA 1311	Conducted congruently with EPA 8260C,
Leaching Procedure (TCLP)		8270D, and EPA 6020/7471

Notes:

Engineered fill shall be Colorado Department of Transportation Class 6 Road Base with the gradation requirements in Table 12-2.

Material classification tests, including grain size and Atterberg limits for Select Fill from off-site sources shall be conducted on samples from stockpiled material.

Samples for Standard Proctor testing shall be obtained from material mixed and stockpiled onsite and selected after material classification testing to represent the variation in material types.

If compacted fill consists of free draining granular materials where a moisture density relationship cannot be established in accordance with ASTM D 698 as approved by the URS Representative, test material in accordance with ASTM D 4253 and ASTM D 4254.



QC SUMMARY REPORT

CTI & ASSOCIATES Project Name: MOLINE STREET

SDG #: 0 Folder #: 107209 Project Number: 2146090001

Lab Control Spike Soil

Analytical Run #:	108909	Analysis Date:	10/3/2014 13:35	Prep Batch #: Prep Date/Time:	49897	Matrix: Method:	SOLID SW6010
Parent Sample #:	504524	Analysis Time: Analyst:	MDS	Prep Analyst:	10/03/201408:00 LJF	Metrioa.	300010

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery		ntrol nits		RPD	RPD Limit
Arsenic	373	mg/kg			400	93	78		109		
Barium	376	mg/kg			400	94	75	·	125		
Cadmium	10.2	mg/kg			10.0	102	80	'	120		
Chromium	40.8	mg/kg			40.0	102	83	'	116		
Lead	89.0	mg/kg			100	89	80		120		
Selenium	358	mg/kg			400	90	71		106		
Silver	8.9	mg/kg			10.0	89	77	·	115		

SDG #: 0 Folder #: 107209 Project Number: 2146090001

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	Analytical Run #:	108909	Analysis Date:	10/3/2014	Prep Batch #:	49897	Matrix:	SOLID	
	CTLab #:	504523	Analysis Time:	13:38	Prep Date/Time:	10/03/201408:00	Method:	SW6010	Í
	Parent Sample #:		Analyst:	MDS	Prep Analyst:	LJF			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Arsenic	0.42	mg/kg			0		0.3		
Barium	0.15	mg/kg			0		0.04		
Cadmium	0.025	mg/kg			0		0.019		
Chromium	0.10	mg/kg			0		0.07		
ead	0.26	mg/kg		U	0		0.26		
Selenium	0.5	mg/kg		U	0		0.5		
Silver	0.12	mg/kg		U	0		0.12		

107209 - Page 23 of 66

SDG #: 0 Folder #: 107209 Project Number: 2146090001

Γ	Analytical Run #:	108909	Analysis Date:	10/3/2014	Prep Batch #:	49897	Matrix:	SOIL	
	CTLab #:	504529	Analysis Time:	13:58	Prep Date/Time:	10/03/201408:00	Method:	SW6010	
	Parent Sample #:	504528	Analyst:	MDS	Prep Analyst:	LJF			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	_	ontro imit:	-	RPD	RPD Limit
Arsenic	269	mg/kg	1.4		294	91	68		114	1	31
Barium	355	mg/kg	65.7		294	98	66		122	4	26
Cadmium	6.8	mg/kg	0.39		7.4	87	53		118	0	28
Chromium	45.1	mg/kg	24.9		29.4	69	53		130	14	36
Lead	59.8	mg/kg	1.6		73.5	79	45		135	2	37
Selenium	257	mg/kg	BDL		294	87	64		113	2	29
Silver	6.2	mg/kg	BDL		7.4	84	61		116	2	29

107209 - Page 24 of 66 Date Printed: 10/8/2014

SDG #: 0 Folder #: 107209 Project Number: 2146090001

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Parent Sample #: 504333 Analyst: MDS Prep Analyst: LJF
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Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Arsenic	298	mg/kg	1.4		328	90	68 114		
Barium	379	mg/kg	65.7		328	96	66 122		
Cadmium	7.5	mg/kg	0.39		8.2	87	53 118		
Chromium	43.9	mg/kg	24.9		32.8	58	53 130		
.ead	65.2	mg/kg	1.6		82.0	78	45 135		
Selenium	280	mg/kg	BDL		328	85	64 113		
Silver	6.8	mg/kg	BDL		8.2	83	61 116		

107209 - Page 25 of 66

SDG #: 0 Folder #: 107209 Project Number: 2146090001

				Lab Contr	ol Spike Soil						
Analytical Run #: CTLab #: Parent Sample #:	108998 504618	,	sis Date: sis Time: st:	10/7/2014 12:18 LJF	Prep Batch #: Prep Date/Time Prep Analyst:	49904 : 10/06/2 LJF	201412:00	Matrix: Method:		SOLID SW74	
nalyte		QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Contro Limit		RPD	RPD Limit
ercury		0.077	mg/kg			0.083	93	78	112		20

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107209 - Page 26 of 66 Date Printed: 10/8/2014

SDG #: 0 Folder #: 107209 Project Number: 2146090001

				Method	Blank Soil					
Analytical Run #: CTLab #: Parent Sample #:	108998 504617	•	sis Date: sis Time: st:	10/7/2014 12:20 LJF	Prep Batch #: Prep Date/Time Prep Analyst:	49904 : 10/06/2 LJF	201412:00	Matrix: Method:	SOLIE SW74	
nalyte		QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
ercury		0.004	mg/kg		U	0		0.004		

107209 - Page 27 of 66

Lab Control Spike Soil

Analytical Run #: CTLab #:	108903 504430	Analysis Date: Analysis Time:	10/3/2014 11:16	Prep Batch #: Prep Date/Time:	49895 10/02/2014/3:00	Matrix: Method:	SOLID SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:	BMS		

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Analyte	QC sample result	Units	Parent sample result		Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.514	mg/kg			0.500	103	78 117		
1,1,1-Trichloroethane	0.486	mg/kg			0.500	97	77 121		
1,1,2,2-Tetrachloroethane	0.531	mg/kg			0.500	106	77 117		
1,1,2-Trichloroethane	0.528	mg/kg			0.500	106	80 116		
1,1-Dichloroethane	0.520	mg/kg			0.500	104	76 122		
1,1-Dichloroethene	0.518	mg/kg			0.500	104	67 129		
,1-Dichloropropene	0.483	mg/kg			0.500	97	77 118		
,2 Dichloroethane-d4	97.0	% Recovery			100	97.0	78 118		
,2,3-Trichlorobenzene	0.543	mg/kg			0.500	109	76 125		
,2,3-Trichloropropane	0.557	mg/kg			0.500	111	75 118		
1,2,4-Trichlorobenzene	0.475	mg/kg			0.500	95	77 122		
1,2,4-Trimethylbenzene	0.537	mg/kg			0.500	107	77 119		
,2-Dibromo-3-chloropropane	0.495	mg/kg			0.500	99	63 126		
,2-Dibromoethane	0.512	mg/kg			0.500	102	83 113		
,2-Dichlorobenzene	0.508	mg/kg			0.500	102	82 115		
,2-Dichloroethane	0.495	mg/kg			0.500	99	73 123		
,2-Dichloropropane	0.506	mg/kg			0.500	101	79 116		
,3,5-Trimethylbenzene	0.533	mg/kg			0.500	107	79 118		
,3-Dichlorobenzene	0.521	mg/kg			0.500	104	82 114		
,3-Dichloropropane	0.540	mg/kg			0.500	108	81 116		
,4-Dichlorobenzene	0.509	mg/kg			0.500	102	82 112		
,2-Dichloropropane	0.473	mg/kg			0.500	95	69 130		
-Butanone	5.14	mg/kg			5.00	103	73 125		
-Chlorotoluene	0.532	mg/kg			0.500	106	78 116		
-Hexanone	5.51	mg/kg			5.00	110	72 126		
-Chlorotoluene	0.539	mg/kg			0.500	108	78 117		
-Methyl-2-pentanone	5.48	mg/kg			5.00	110	72 128		
cetone	4.96	mg/kg			5.00	99	64 133		
Benzene	0.487	mg/kg			0.500	97	84 118		
Bromobenzene	0.522	mg/kg			0.500	104	82 113		
romochloromethane	0.509	mg/kg			0.500	102	81 117		
romodichloromethane	0.489	mg/kg			0.500	98	80 117		
Bromofluorobenzene	103	% Recovery			100	103	83 132		
Bromoform	0.497	mg/kg			0.500	99	61 132		
Bromomethane	0.646	mg/kg			0.500	129	60 141		
Carbon disulfide	1.02	mg/kg			1.00	102	64 136		
Carbon tetrachloride	0.501	mg/kg			0.500	100	74 124		
Chlorobenzene	0.509	mg/kg			0.500	102	81 114		
Chloroethane	0.590	mg/kg			0.500	118	52 147		
Chloroform	0.489	mg/kg			0.500	98	78 118		
Chloromethane	0.533	mg/kg			0.500	107	67 126		
sis-1,2-Dichloroethene	0.488	mg/kg			0.500	98	79 117		

Lab Control Spike Soil

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOLID
CTLab #:	504430	Analysis Time:	11:16	Prep Date/Time:	10/02/201413:00	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	_	ontro imit		RPD	RPD Limit
cis-1,3-Dichloropropene	0.499	mg/kg			0.500	100	80		120		
d8-Toluene	103	% Recovery			100	103	82		124		
Dibromochloromethane	0.524	mg/kg			0.500	105	75		118		
Dibromofluoromethane	99.0	% Recovery			100	99.0	79		119		
Dibromomethane	0.489	mg/kg			0.500	98	82		115		
Dichlorodifluoromethane	0.525	mg/kg			0.500	105	62		131		
Diisopropyl ether	0.523	mg/kg			0.500	105	75		123		
Ethylbenzene	0.514	mg/kg			0.500	103	86		116		
Hexachlorobutadiene	0.454	mg/kg			0.500	91	71		129		
Isopropylbenzene	0.526	mg/kg			0.500	105	77		119		
m & p-Xylene	1.06	mg/kg			1.00	106	86		116		
Methyl tert-butyl ether	0.529	mg/kg			0.500	106	85		118		
Methylene chloride	0.510	mg/kg			0.500	102	47		150		
n-Butylbenzene	0.499	mg/kg			0.500	100	78		121		
n-Propylbenzene	0.525	mg/kg			0.500	105	77		120		
Naphthalene	0.537	mg/kg			0.500	107	76		126		
o-Xylene	0.527	mg/kg			0.500	105	85		114		
o-Isopropyltoluene	0.523	mg/kg			0.500	105	78		119		
sec-Butylbenzene	0.530	mg/kg			0.500	106	77		120		
Styrene	0.532	mg/kg			0.500	106	82		115		
ert-Butylbenzene	0.525	mg/kg			0.500	105	79		117		
Tetrachloroethene	0.508	mg/kg			0.500	102	72		123		
Tetrahydrofuran	5.14	mg/kg			5.00	103	73		124		
Toluene	0.511	mg/kg			0.500	102	85		120		
trans-1,2-Dichloroethene	0.521	mg/kg			0.500	104	61		132		
trans-1,3-Dichloropropene	0.499	mg/kg			0.500	100	74		122		
Trichloroethene	0.480	mg/kg			0.500	96	78		118		
Trichlorofluoromethane	0.576	mg/kg			0.500	115	64		133		
Vinyl Acetate	3.81	mg/kg			5.00	76	42		156		
Vinyl chloride	0.556	mg/kg			0.500	111	72		125		

Method Blank Soil

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOLID
CTLab #:	504429	Analysis Time:	12:51	Prep Date/Time:	10/02/201413:00	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:	BMS		

1,1,1-Trichloroethane 1,1,2,2-Tetrachloroethane 1,1,2,1-Trichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloropropene 1,2 Dichloroethane-d4 1,2,3-Trichlorobenzene 1,2,3-Trichlorobenzene 1,2,4-Trimethylbenzene 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropane 1,3-Dichloropropane 1,4-Dichloropropane 1,4-Dichloropropane 2,2-Dichloropropane 2-Butanone 2-Chlorotoluene 2-Hexanone 4-Chlorotoluene 3-Methyl-2-pentanone 4-Cetone 3-Bormodichloromethane 3-romofluorobenzene	<u> </u>									
	QC sample result	Units	Parent Qualifier(s) sample result		Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit	
1,1,1,2-Tetrachloroethane	0.013	mg/kg		U	0		0.013			
1,1,1-Trichloroethane	0.011	mg/kg		U	0		0.011			
1,1,2,2-Tetrachloroethane	0.017	mg/kg		U	0		0.017			
1,1,2-Trichloroethane	0.014	mg/kg		U	0		0.014			
,1-Dichloroethane	0.016	mg/kg		U	0		0.016			
,1-Dichloroethene	0.014	mg/kg		U	0		0.014			
,1-Dichloropropene	0.015	mg/kg		U	0		0.015			
1,2 Dichloroethane-d4	102	% Recovery			100	102	78 118			
,2,3-Trichlorobenzene	0.016	mg/kg		U	0		0.016			
1,2,3-Trichloropropane	0.015	mg/kg		U	0		0.015			
,2,4-Trichlorobenzene	0.013	mg/kg		U	0		0.013			
,2,4-Trimethylbenzene	0.017	mg/kg		U	0		0.017			
,2-Dibromo-3-chloropropane	0.016	mg/kg		U	0		0.016			
,2-Dibromoethane	0.017	mg/kg		U	0		0.017			
,2-Dichlorobenzene	0.014	mg/kg		U	0		0.014			
,2-Dichloroethane	0.014	mg/kg		U	0		0.014			
,2-Dichloropropane	0.017	mg/kg		U	0		0.017			
,3,5-Trimethylbenzene	0.017	mg/kg		U	0		0.017			
,3-Dichlorobenzene	0.011	mg/kg		U	0		0.011			
,3-Dichloropropane	0.016	mg/kg		U	0		0.016			
,4-Dichlorobenzene	0.014	mg/kg		U	0		0.014			
2,2-Dichloropropane	0.014	mg/kg		U	0		0.014			
2-Butanone	0.14	mg/kg		U	0		0.14			
2-Chlorotoluene	0.014	mg/kg		U	0		0.014			
2-Hexanone	0.16	mg/kg		U	0		0.16			
l-Chlorotoluene	0.016	mg/kg		U	0		0.016			
-Methyl-2-pentanone	0.15	mg/kg		U	0		0.15			
Acetone	0.14	mg/kg		U	0		0.14			
Benzene	0.008	mg/kg		U	0		0.008			
Bromobenzene	0.014	mg/kg		U	0		0.014			
Bromochloromethane	0.020	mg/kg		U	0		0.020			
Bromodichloromethane	0.015	mg/kg		U	0		0.015			
Bromofluorobenzene	106	% Recovery			100	106	83 132			
Bromoform	0.014	mg/kg		U	0		0.014			
Bromomethane	0.05	mg/kg		U	0		0.05			
Carbon disulfide	0.030	mg/kg		U	0		0.030			
Carbon tetrachloride	0.014	mg/kg		U	0		0.014			
Chlorobenzene	0.018	mg/kg		U	0		0.018			
Chloroethane	0.05	mg/kg		U	0		0.05			
Chloroform	0.015	mg/kg		U	0		0.015			
Chloromethane	0.014	mg/kg		U	0		0.014			
cis-1,2-Dichloroethene	0.014	mg/kg		U	0		0.014			

Met	hod	RIS	nk	Sa	il

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOLID
CTLab #:	504429	Analysis Time:	12:51	Prep Date/Time:	10/02/201413:00	Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:	BMS		

<u>'</u>				. ,					
Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.012	mg/kg		U	0		0.012		
d8-Toluene	98.0	% Recovery			100	98.0	82 124		
Dibromochloromethane	0.013	mg/kg		U	0		0.013		
Dibromofluoromethane	98.0	% Recovery			100	98.0	79 119		
Dibromomethane	0.012	mg/kg		U	0		0.012		
Dichlorodifluoromethane	0.012	mg/kg		U	0		0.012		
Diisopropyl ether	0.016	mg/kg		U	0		0.016		
Ethylbenzene	0.007	mg/kg		U	0		0.007		
Hexachlorobutadiene	0.015	mg/kg		U	0		0.015		
Isopropylbenzene	0.018	mg/kg		U	0		0.018		
m & p-Xylene	0.03	mg/kg		U	0		0.03		
Methyl tert-butyl ether	0.017	mg/kg		U	0		0.017		
Methylene chloride	0.022	mg/kg		U	0		0.022		
n-Butylbenzene	0.017	mg/kg		U	0		0.017		
n-Propylbenzene	0.015	mg/kg		U	0		0.015		
Naphthalene	0.014	mg/kg		U	0		0.014		
o-Xylene	0.008	mg/kg		U	0		0.008		
p-Isopropyltoluene	0.016	mg/kg		U	0		0.016		
sec-Butylbenzene	0.017	mg/kg		U	0		0.017		
Styrene	0.019	mg/kg		U	0		0.019		
tert-Butylbenzene	0.017	mg/kg		U	0		0.017		
Tetrachloroethene	0.011	mg/kg		U	0		0.011		
Tetrahydrofuran	0.11	mg/kg		U	0		0.11		
Toluene	0.011	mg/kg		U	0		0.011		
trans-1,2-Dichloroethene	0.014	mg/kg		U	0		0.014		
trans-1,3-Dichloropropene	0.017	mg/kg		U	0		0.017		
Trichloroethene	0.011	mg/kg		U	0		0.011		
Trichlorofluoromethane	0.014	mg/kg		U	0		0.014		
Vinyl Acetate	0.16	mg/kg		U	0		0.16		
Vinyl chloride	0.012	mg/kg		U	0		0.012		

Matrix Spike Duplicate Soil

ſ	Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOIL	
	CTLab #:	504432	Analysis Time:	19:06	Prep Date/Time:	10/02/201413:00	Method:	SW8260C	
	Parent Sample #:	504431	Analyst:	RLD	Prep Analyst:	BMS			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Cont		RPD	RPD Limit	
1,1,1,2-Tetrachloroethane	0.628	mg/kg	BDL		0.565	111	74	- 112	6	13	
1,1,1-Trichloroethane	0.620	mg/kg	BDL		0.565	110	76	- 118	10	13	
1,1,2,2-Tetrachloroethane	0.464	mg/kg	BDL		0.565	82	67	- 120	0	18	
1,1,2-Trichloroethane	0.614	mg/kg	BDL		0.565	109	72 -	- 124	2	20	
1,1-Dichloroethane	0.610	mg/kg	BDL		0.565	108	75	- 122	3	21	
1,1-Dichloroethene	0.560	mg/kg	BDL		0.565	99	66	- 135	2	19	
1,1-Dichloropropene	0.609	mg/kg	BDL		0.565	108	78	- 116	10	16	
1,2 Dichloroethane-d4	101	% Recovery			100	101	80	- 117			
1,2,3-Trichlorobenzene	0.597	mg/kg	BDL		0.565	106	63	- 136	2	47	
1,2,3-Trichloropropane	0.576	mg/kg	BDL		0.565	102	66	- 130	3	20	
1,2,4-Trichlorobenzene	0.550	mg/kg	BDL		0.565	97	68	- 127	2	35	
1,2,4-Trimethylbenzene	0.635	mg/kg	BDL		0.565	112	73	- 123	3	13	
1,2-Dibromo-3-chloropropane	0.581	mg/kg	BDL		0.565	103	57	- 120	1	29	
1,2-Dibromoethane	0.609	mg/kg	BDL		0.565	108	81	- 110	4	14	
1,2-Dichlorobenzene	0.596	mg/kg	BDL		0.565	105	81	- 114	0	11	
1,2-Dichloroethane	0.608	mg/kg	BDL		0.565	108	73	- 121	3	16	
1,2-Dichloropropane	0.603	mg/kg	BDL		0.565	107	77	- 118	4	15	
1,3,5-Trimethylbenzene	0.614	mg/kg	BDL		0.565	109	76	- 120	2	13	
1,3-Dichlorobenzene	0.608	mg/kg	BDL		0.565	108	83	- 111	2	13	
1,3-Dichloropropane	0.618	mg/kg	BDL		0.565	109	81	- 115	3	15	
1,4-Dichlorobenzene	0.610	mg/kg	BDL		0.565	108	82	- 110	1	12	
2,2-Dichloropropane	0.526	mg/kg	BDL		0.565	93	63	- 117	6	17	
2-Butanone	6.44	mg/kg	BDL		5.65	114	70	- 126	3	24	
2-Chlorotoluene	0.621	mg/kg	BDL		0.565	110	74	- 119	4	15	
2-Hexanone	6.69	mg/kg	BDL		5.65	118	64	- 136	0	25	
4-Chlorotoluene	0.618	mg/kg	BDL		0.565	109	72	- 124	2	14	
4-Methyl-2-pentanone	6.47	mg/kg	BDL		5.65	115	67	- 135	3	21	
Acetone	6.08	mg/kg	BDL		5.65	108	54	- 143	12	28	
Benzene	0.592	mg/kg	BDL		0.565	105	82	- 112	2	11	
Bromobenzene	0.592	mg/kg	BDL		0.565	105	81	- 112	1	14	
Bromochloromethane	0.630	mg/kg	BDL		0.565	112	78	- 117	5	15	
Bromodichloromethane	0.621	mg/kg	BDL		0.565	110	77	- 114	8	15	
Bromofluorobenzene	102	% Recovery			100	102	77	- 136			
Bromoform	0.628	mg/kg	BDL		0.565	111	56	- 117	8	19	
Bromomethane	0.714	mg/kg	BDL		0.565	126	52	- 151	18	30	
Carbon disulfide	1.23	mg/kg	BDL		1.13	109	58	- 137	5	22	
Carbon tetrachloride	0.669	mg/kg	BDL		0.565	118	72	- 117	16	13	
Chlorobenzene	0.606	mg/kg	BDL		0.565	107	81	- 112	1	11	
Chloroethane	0.697	mg/kg	BDL		0.565	123	48	- 156	18	34	
Chloroform	0.610	mg/kg	BDL		0.565	108	77		4	13	
Chloromethane	0.509	mg/kg	BDL		0.565	90	61		5	19	
cis-1,2-Dichloroethene	0.599	mg/kg	BDL		0.565	106	79		5	13	

Matrix Spike Duplicate Soil

Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOIL
CTLab #:	504432	Analysis Time:	19:06	Prep Date/Time:	10/02/201413:00	Method:	SW8260C
Parent Sample #:	504431	Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	_	ontro imits		RPD	RPD Limit
cis-1,3-Dichloropropene	0.588	mg/kg	BDL		0.565	104	76		114	6	15
d8-Toluene	102	% Recovery			100	102	85		122		
Dibromochloromethane	0.649	mg/kg	BDL		0.565	115	69		109	10	14
Dibromofluoromethane	103	% Recovery			100	103	82		118		
Dibromomethane	0.587	mg/kg	BDL		0.565	104	80		112	1	16
Dichlorodifluoromethane	0.507	mg/kg	BDL		0.565	90	55		145	5	16
Diisopropyl ether	0.584	mg/kg	BDL		0.565	103	73		124	2	16
Ethylbenzene	0.604	mg/kg	BDL		0.565	107	77		117	2	10
Hexachlorobutadiene	0.545	mg/kg	BDL		0.565	96	60		136	3	23
sopropylbenzene	0.624	mg/kg	BDL		0.565	110	67		119	2	12
m & p-Xylene	1.26	mg/kg	BDL		1.13	112	71		121	2	9
Methyl tert-butyl ether	0.604	mg/kg	BDL		0.565	107	76		122	3	18
Methylene chloride	0.607	mg/kg	0.030		0.565	102	35		146	2	24
n-Butylbenzene	0.594	mg/kg	BDL		0.565	105	73		127	1	14
n-Propylbenzene	0.608	mg/kg	BDL		0.565	108	73		122	3	14
Naphthalene	0.624	mg/kg	BDL		0.565	110	57		142	3	44
o-Xylene	0.642	mg/kg	BDL		0.565	114	75		119	3	12
o-Isopropyltoluene	0.624	mg/kg	BDL		0.565	110	75		121	3	14
sec-Butylbenzene	0.618	mg/kg	BDL		0.565	109	76		122	2	15
Styrene	0.627	mg/kg	BDL		0.565	111	80		118	1	14
ert-Butylbenzene	0.601	mg/kg	BDL		0.565	106	77		118	3	14
etrachloroethene	0.592	mg/kg	BDL		0.565	105	71		122	4	13
Tetrahydrofuran	5.98	mg/kg	BDL		5.65	106	69		127	0	24
Toluene	0.589	mg/kg	BDL		0.565	104	74		123	3	11
rans-1,2-Dichloroethene	0.615	mg/kg	BDL		0.565	109	64		131	2	22
rans-1,3-Dichloropropene	0.580	mg/kg	BDL		0.565	103	68		109	4	16
Trichloroethene	0.731	mg/kg	BDL		0.565	129	67		130	8	14
Trichlorofluoromethane	0.563	mg/kg	BDL		0.565	100	54		145	8	24
/inyl Acetate	0.558	mg/kg	BDL		5.65	10	29		157	7	37
/inyl chloride	0.574	mg/kg	BDL		0.565	102	68		136	2	17

Matrix Spike Soil

Ī	Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOIL
	CTLab #:	504431	Analysis Time:	18:36	Prep Date/Time:	10/02/201411:00	Method:	SW8260C
	Parent Sample #:	504333	Analyst:	RLD	Prep Analyst:	BMS		

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Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.589	mg/kg	BDL		0.565	104	74 112		
1,1,1-Trichloroethane	0.564	mg/kg	BDL		0.565	100	76 118		
1,1,2,2-Tetrachloroethane	0.463	mg/kg	BDL		0.565	82	67 120		
1,1,2-Trichloroethane	0.603	mg/kg	BDL		0.565	107	72 124		
1,1-Dichloroethane	0.591	mg/kg	BDL		0.565	105	75 122		
1,1-Dichloroethene	0.570	mg/kg	BDL		0.565	101	66 135		
1,1-Dichloropropene	0.554	mg/kg	BDL		0.565	98	78 116		
1,2 Dichloroethane-d4	101	% Recovery			100	101	80 117		
1,2,3-Trichlorobenzene	0.583	mg/kg	BDL		0.565	103	63 136		
1,2,3-Trichloropropane	0.561	mg/kg	BDL		0.565	99	66 130		
1,2,4-Trichlorobenzene	0.540	mg/kg	BDL		0.565	96	68 127		
1,2,4-Trimethylbenzene	0.617	mg/kg	BDL		0.565	109	73 123		
1,2-Dibromo-3-chloropropane	0.573	mg/kg	BDL		0.565	101	57 120		
1,2-Dibromoethane	0.585	mg/kg	BDL		0.565	104	81 110		
1,2-Dichlorobenzene	0.596	mg/kg	BDL		0.565	105	81 114		
1,2-Dichloroethane	0.592	mg/kg	BDL		0.565	105	73 121		
1,2-Dichloropropane	0.579	mg/kg	BDL		0.565	102	77 118		
1,3,5-Trimethylbenzene	0.605	mg/kg	BDL		0.565	107	76 120		
1,3-Dichlorobenzene	0.595	mg/kg	BDL		0.565	105	83 111		
1,3-Dichloropropane	0.600	mg/kg	BDL		0.565	106	81 115		
1,4-Dichlorobenzene	0.603	mg/kg	BDL		0.565	107	82 110		
2,2-Dichloropropane	0.497	mg/kg	BDL		0.565	88	63 117		
2-Butanone	6.25	mg/kg	BDL		5.65	111	70 126		
2-Chlorotoluene	0.596	mg/kg	BDL		0.565	105	74 119		
2-Hexanone	6.70	mg/kg	BDL		5.65	119	64 136		
4-Chlorotoluene	0.606	mg/kg	BDL		0.565	107	72 124		
4-Methyl-2-pentanone	6.30	mg/kg	BDL		5.65	112	67 135		
Acetone	6.85	mg/kg	BDL		5.65	121	54 143		
Benzene	0.580	mg/kg	BDL		0.565	103	82 112		
Bromobenzene	0.583	mg/kg	BDL		0.565	103	81 112		
Bromochloromethane	0.599	mg/kg	BDL		0.565	106	78 117		
Bromodichloromethane	0.572	mg/kg	BDL		0.565	101	77 114		
Bromofluorobenzene	101	% Recovery			100	101	77 136		
Bromoform	0.578	mg/kg	BDL		0.565	102	56 117		
Bromomethane	0.597	mg/kg	BDL		0.565	106	52 151		
Carbon disulfide	1.17	mg/kg	BDL		1.13	104	58 137		
Carbon tetrachloride	0.569	mg/kg	BDL		0.565	101	72 117		
Chlorobenzene	0.598	mg/kg	BDL		0.565	106	81 112		
Chloroethane	0.583	mg/kg	BDL		0.565	103	48 156		
Chloroform	0.588	mg/kg	BDL		0.565	104	77 117		
Chloromethane	0.534	mg/kg	BDL		0.565	95	61 137		
cis-1,2-Dichloroethene	0.573	mg/kg	BDL		0.565	101	79 116		

Matrix Spike Soil

ſ	Analytical Run #:	108903	Analysis Date:	10/3/2014	Prep Batch #:	49895	Matrix:	SOIL
	CTLab #:	504431	Analysis Time:	18:36	Prep Date/Time:	10/02/201411:00	Method:	SW8260C
	Parent Sample #:	504333	Analyst:	RLD	Prep Analyst:	BMS		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	_	ontro imit		RPD	RPD Limit
cis-1,3-Dichloropropene	0.555	mg/kg	BDL		0.565	98	76		114		
d8-Toluene	101	% Recovery			100	101	85		122		
Dibromochloromethane	0.587	mg/kg	BDL		0.565	104	69		109		
Dibromofluoromethane	99.0	% Recovery			100	99.0	82		118		
Dibromomethane	0.592	mg/kg	BDL		0.565	105	80		112		
Dichlorodifluoromethane	0.533	mg/kg	BDL		0.565	94	55		145		
Diisopropyl ether	0.593	mg/kg	BDL		0.565	105	73		124		
Ethylbenzene	0.594	mg/kg	BDL		0.565	105	77		117		
Hexachlorobutadiene	0.530	mg/kg	BDL		0.565	94	60		136		
Isopropylbenzene	0.609	mg/kg	BDL		0.565	108	67		119		
m & p-Xylene	1.24	mg/kg	BDL		1.13	110	71		121		
Methyl tert-butyl ether	0.621	mg/kg	BDL		0.565	110	76		122		
Methylene chloride	0.620	mg/kg	0.030		0.565	104	35		146		
n-Butylbenzene	0.588	mg/kg	BDL		0.565	104	73		127		
n-Propylbenzene	0.593	mg/kg	BDL		0.565	105	73		122		
Naphthalene	0.606	mg/kg	BDL		0.565	107	57		142		
o-Xylene	0.626	mg/kg	BDL		0.565	111	75		119		
o-Isopropyltoluene	0.605	mg/kg	BDL		0.565	107	75		121		
sec-Butylbenzene	0.606	mg/kg	BDL		0.565	107	76		122		
Styrene	0.623	mg/kg	BDL		0.565	110	80		118		
ert-Butylbenzene	0.583	mg/kg	BDL		0.565	103	77		118		
Tetrachloroethene	0.570	mg/kg	BDL		0.565	101	71		122		
Tetrahydrofuran	5.96	mg/kg	BDL		5.65	105	69		127		
Toluene	0.574	mg/kg	BDL		0.565	102	74		123		
rans-1,2-Dichloroethene	0.601	mg/kg	BDL		0.565	106	64		131		
trans-1,3-Dichloropropene	0.557	mg/kg	BDL		0.565	99	68		109		
Trichloroethene	0.678	mg/kg	BDL		0.565	120	67		130		
Trichlorofluoromethane	0.610	mg/kg	BDL		0.565	108	54		145		
Vinyl Acetate	0.596	mg/kg	BDL		5.65	11	29		157		
Vinyl chloride	0.564	mg/kg	BDL		0.565	100	68		136		

Lab Control Spike Soil

Analytical Run #: CTLab #:	108974 504416	Analysis Date: Analysis Time:	10/6/2014 12:01	Prep Batch #: Prep Date/Time:	49892 10/02/2014/3:30	Matrix: Method:	SOLID SW8270
Parent Sample #:		Analyst:	RPN	Prep Analyst:	JLH		

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Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	1.60	mg/kg			2.00	80	47 106		20
1,2,4-Trichlorobenzene	1.43	mg/kg			2.00	72	45 103		20
1,2-Dichlorobenzene	1.44	mg/kg			2.00	72	43 103		20
1,3-Dichlorobenzene	1.41	mg/kg			2.00	70	42 101		20
1,4-Dichlorobenzene	1.40	mg/kg			2.00	70	42 101		20
2,4,5-Trichlorophenol	1.59	mg/kg			2.00	80	46 110		20
2,4,6-Trichlorophenol	1.57	mg/kg			2.00	78	43 109		20
2,4-Dichlorophenol	1.47	mg/kg			2.00	74	46 108		20
2,4-Dimethylphenol	1.58	mg/kg			2.00	79	39 103		20
2,4-Dinitrophenol	1.24	mg/kg			2.00	62	16 102		20
2,4-Dinitrotoluene	1.85	mg/kg			2.00	92	49 112		20
2,6-Dichlorophenol	1.44	mg/kg			2.00	72	44 100		20
2,6-Dinitrotoluene	1.81	mg/kg			2.00	90	49 108		20
2-Chloronaphthalene	1.53	mg/kg			2.00	76	46 103		20
2-Chlorophenol	1.47	mg/kg			2.00	74	45 104		20
2-Methylnaphthalene	1.46	mg/kg			2.00	73	45 106		20
2-Methylphenol	1.56	mg/kg			2.00	78	46 107		20
2-Nitroaniline	1.76	mg/kg			2.00	88	46 112		20
2-Nitrophenol	1.37	mg/kg			2.00	68	43 107		20
3 & 4-Methylphenol	1.63	mg/kg			2.00	82	48 108		20
3,3'-Dichlorobenzidine	2.28	mg/kg			2.00	114	25 148		20
3-Nitroaniline	1.65	mg/kg			2.00	82	24 110		20
4,6-Dinitro-2-methylphenol	1.39	mg/kg			2.00	70	32 108		20
4-Bromophenyl-phenyl ether	1.91	mg/kg			2.00	96	48 106		20
4-Chloro-3-methylphenol	1.57	mg/kg			2.00	78	48 107		20
4-Chloroaniline	1.02	mg/kg			2.00	51	14 83		20
4-Chlorophenyl-phenyl ether	1.80	mg/kg			2.00	90	47 106		20
4-Nitroaniline	2.16	mg/kg			2.00	108	44 125		20
4-Nitrophenol	1.72	mg/kg			2.00	86	33 112		20
Acenaphthene	1.67	mg/kg			2.00	84	46 105		20
Acenaphthylene	1.66	mg/kg			2.00	83	47 105		20
Acetophenone	1.59	mg/kg			2.00	80	47 105		20
Aniline	0.927	mg/kg			2.00	46	18 87		20
Anthracene	1.89	mg/kg			2.00	94	50 106		20
Azobenzene & 1,2-Diphenylhydra	3.46	mg/kg			4.00	86	47 105		20
Benzidine	0.419	mg/kg			2.00	21	0 141		20
Benzo(a)anthracene	2.10	mg/kg			2.00	105	49 105		20
Benzo(a)pyrene	2.09	mg/kg			2.00	104	48 105		20
Benzo(b)fluoranthene	2.02	mg/kg			2.00	101	46 105		20
Benzo(g,h,i)perylene	1.92	mg/kg			2.00	96	42 106		20
Benzo(k)fluoranthene	2.06	mg/kg			2.00	103	48 108		20
Bis(2-chloroethoxy)methane	1.59	mg/kg			2.00	80	45 106		20

Lab Control Spike Soil

Analytical Run #: CTLab #:	108974 504416	Analysis Date: Analysis Time:	10/6/2014 12:01	Prep Batch #: Prep Date/Time:	49892 10/02/201413:30	Matrix: Method:	SOLID SW8270	
Parent Sample #:		Analyst:	RPN	Prep Analyst:	JLH			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery		ntro mits		RPD	RPD Limit
Bis(2-chloroethyl)ether	1.57	mg/kg			2.00	78	43		104		20
Bis(2-chloroisopropyl)ether	1.46	mg/kg			2.00	73	38		102		20
3is(2-ethylhexyl)phthalate	1.98	mg/kg			2.00	99	54		109		20
Butylbenzylphthalate	2.13	mg/kg			2.00	106	49		111		20
Carbazole	2.11	mg/kg			2.00	106	46		125		20
Chrysene	2.11	mg/kg			2.00	106	50		106		20
Di-n-butylphthalate	1.94	mg/kg			2.00	97	54		111		20
Di-n-octylphthalate	2.04	mg/kg			2.00	102	50		111		20
Dibenzo(a,h)anthracene	1.99	mg/kg			2.00	100	44		109		20
Dibenzofuran	1.70	mg/kg			2.00	85	47		105		20
Diethylphthalate	1.88	mg/kg			2.00	94	50		106		20
Dimethylphthalate	1.85	mg/kg			2.00	92	43		113		20
Fluoranthene	1.89	mg/kg			2.00	94	49		109		20
Fluorene	1.77	mg/kg			2.00	88	47		106		20
Hexachlorobenzene	1.86	mg/kg			2.00	93	48		105		20
Hexachlorobutadiene	1.41	mg/kg			2.00	70	43		104		20
Hexachlorocyclopentadiene	0.962	mg/kg			2.00	48	35		106		20
Hexachloroethane	1.47	mg/kg			2.00	74	42		102		20
Hexachloropropene	1.14	mg/kg			2.00	57	50		150		20
ndeno(1,2,3-cd)pyrene	1.96	mg/kg			2.00	98	44		106		20
sophorone	1.54	mg/kg			2.00	77	45		101		20
N-Nitroso-di-n-propylamine	1.62	mg/kg			2.00	81	46		105		20
N-Nitrosodimethylamine	1.52	mg/kg			2.00	76	28		107		20
N-Nitrosodiphenylamine & Diphn	3.53	mg/kg			4.00	88	49		108		20
N-Nitrosopyrrolidine	1.57	mg/kg			2.00	78	45		105		20
Naphthalene	1.48	mg/kg			2.00	74	45		103		20
Nitrobenzene	1.56	mg/kg			2.00	78	45		105		20
Pentachlorophenol	1.70	mg/kg			2.00	85	16		116		20
Phenanthrene	1.80	mg/kg			2.00	90	49		105		20
Phenol	1.57	mg/kg			2.00	78	46		106		20
Pyrene	1.97	mg/kg			2.00	98	48		108		20
Pyridine	0.649	mg/kg			2.00	32	10		89		20
Surr: 2,4,6-Tribromophenol	86.7	% Recovery			100	86.7	42		117		
Surr: 2-Fluorobiphenyl	79.8	% Recovery			100	79.8	35		118		
Surr: 2-Fluorophenol	69.5	% Recovery			100	69.5	30		116		
Surr: Nitrobenzene-d5	78.1	% Recovery			100	78.1	36		115		
Surr: Phenol-d5	78.3	% Recovery			100	78.3	39		113		
Surr: Terphenyl-d14	99.4	% Recovery			100	99.4	39		124		

Method Blank Soil

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOLID
CTLab #:	504415	Analysis Time:	11:41	Prep Date/Time:	10/02/201413:30	Method:	SW8270
Parent Sample #:		Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	0.025	mg/kg		U	0		0.025		
1,2,4-Trichlorobenzene	0.023	mg/kg		U	0		0.023		
1,2-Dichlorobenzene	0.025	mg/kg		U	0		0.025		
1,3-Dichlorobenzene	0.020	mg/kg		U	0		0.020		
1,4-Dichlorobenzene	0.020	mg/kg		U	0		0.020		
2,4,5-Trichlorophenol	0.028	mg/kg		U	0		0.028		
2,4,6-Trichlorophenol	0.026	mg/kg		U	0		0.026		
2,4-Dichlorophenol	0.027	mg/kg		U	0		0.027		
2,4-Dimethylphenol	0.024	mg/kg		U	0		0.024		
2,4-Dinitrophenol	0.10	mg/kg		U	0		0.10		
2,4-Dinitrotoluene	0.022	mg/kg		U	0		0.022		
2,6-Dichlorophenol	0.023	mg/kg		U	0		0.023		
2,6-Dinitrotoluene	0.031	mg/kg		U	0		0.031		
2-Chloronaphthalene	0.016	mg/kg		U	0		0.016		
2-Chlorophenol	0.027	mg/kg		U	0		0.027		
2-Methylnaphthalene	0.04	mg/kg		U	0		0.04		
2-Methylphenol	0.030	mg/kg		U	0		0.030		
2-Nitroaniline	0.020	mg/kg		U	0		0.020		
2-Nitrophenol	0.023	mg/kg		U	0		0.023		
3 & 4-Methylphenol	0.030	mg/kg		U	0		0.030		
3,3'-Dichlorobenzidine	0.030	mg/kg		U	0		0.030		
3-Nitroaniline	0.015	mg/kg		U	0		0.015		
4,6-Dinitro-2-methylphenol	0.015	mg/kg		U	0		0.015		
4-Bromophenyl-phenyl ether	0.018	mg/kg		U	0		0.018		
4-Chloro-3-methylphenol	0.027	mg/kg		U	0		0.027		
4-Chloroaniline	0.010	mg/kg		U	0		0.010		
4-Chlorophenyl-phenyl ether	0.023	mg/kg		U	0		0.023		
4-Nitroaniline	0.03	mg/kg		U	0		0.03		
4-Nitrophenol	0.10	mg/kg		U	0		0.10		
Acenaphthene	0.023	mg/kg		U	0		0.023		
Acenaphthylene	0.024	mg/kg		U	0		0.024		
Acetophenone	0.026	mg/kg		U	0		0.026		
Aniline	0.011	mg/kg		U	0		0.011		
Anthracene	0.021	mg/kg		U	0		0.021		
Azobenzene & 1,2-Diphenylhydra	0.05	mg/kg		U	0		0.05		
Benzidine	0.4	mg/kg		U	0		0.4		
Benzo(a)anthracene	0.022	mg/kg		U	0		0.022		
Benzo(a)pyrene	0.020	mg/kg		U	0		0.020		
Benzo(b)fluoranthene	0.014	mg/kg		U	0		0.014		
Benzo(g,h,i)perylene	0.029	mg/kg		U	0		0.029		
Benzo(k)fluoranthene	0.017	mg/kg		U	0		0.017		
Benzyl alcohol	0.019	mg/kg		U	0		0.019		

Method Blank Soil

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOLID
CTLab #:	504415	Analysis Time:	11:41	Prep Date/Time:	10/02/201413:30	Method:	SW8270
Parent Sample #:		Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	0.021	mg/kg		U	0		0.021		
Bis(2-chloroethyl)ether	0.016	mg/kg		U	0		0.016		
Bis(2-chloroisopropyl)ether	0.025	mg/kg		U	0		0.025		
3is(2-ethylhexyl)phthalate	0.019	mg/kg		U	0		0.019		
Butylbenzylphthalate	0.017	mg/kg		U	0		0.017		
Carbazole	0.027	mg/kg		U	0		0.027		
Chrysene	0.024	mg/kg		U	0		0.024		
Di-n-butylphthalate	0.021	mg/kg		U	0		0.021		
Di-n-octylphthalate	0.019	mg/kg		U	0		0.019		
Dibenzo(a,h)anthracene	0.022	mg/kg		U	0		0.022		
Dibenzofuran	0.020	mg/kg		U	0		0.020		
Diethylphthalate	0.020	mg/kg		U	0		0.020		
Dimethylphthalate	0.023	mg/kg		U	0		0.023		
Fluoranthene	0.021	mg/kg		U	0		0.021		
luorene	0.022	mg/kg		U	0		0.022		
lexachlorobenzene	0.030	mg/kg		U	0		0.030		
lexachlorobutadiene	0.028	mg/kg		U	0		0.028		
lexachlorocyclopentadiene	0.015	mg/kg		U	0		0.015		
lexachloroethane	0.025	mg/kg		U	0		0.025		
lexachloropropene	0.024	mg/kg		U	0		0.024		
ndeno(1,2,3-cd)pyrene	0.024	mg/kg		U	0		0.024		
sophorone	0.026	mg/kg		U	0		0.026		
N-Nitroso-di-n-propylamine	0.026	mg/kg		U	0		0.026		
I-Nitrosodimethylamine	0.027	mg/kg		U	0		0.027		
I-Nitrosodiphenylamine & Diphn	0.03	mg/kg		U	0		0.03		
N-Nitrosopyrrolidine	0.031	mg/kg		U	0		0.031		
laphthalene	0.018	mg/kg		U	0		0.018		
litrobenzene	0.04	mg/kg		U	0		0.04		
entachlorophenol	0.021	mg/kg		U	0		0.021		
henanthrene	0.016	mg/kg		U	0		0.016		
Phenol	0.031	mg/kg		U	0		0.031		
yrene	0.018	mg/kg		U	0		0.018		
Pyridine	0.017	mg/kg		U	0		0.017		
Surr: 2,4,6-Tribromophenol	69.2	% Recovery			100	69.2	42 117		
Surr: 2-Fluorobiphenyl	77.4	% Recovery			100	77.4	46 111		
Surr: 2-Fluorophenol	68.9	% Recovery			100	68.9	30 116		
surr: Nitrobenzene-d5	79.8	% Recovery			100	79.8	36 115		
Surr: Phenol-d5	75.7	% Recovery			100	75.7	39 113		
Surr: Terphenyl-d14	80.6	% Recovery			100	80.6	39 124		

Matrix Spike Duplicate Soil

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOIL	
CTLab #:	504418	Analysis Time:	13:22	Prep Date/Time:	10/02/201413:30	Method:	SW8270	
Parent Sample #:	504417	Analyst:	RPN	Prep Analyst:	JLH			

nalyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery		ontro imits		RPD	RPD Limit
,2,4,5-Tetrachlorobenzene	1.51	mg/kg	BDL		2.26	67	38		119	2	36
,2,4-Trichlorobenzene	1.34	mg/kg	BDL		2.26	59	39		108	0	35
,2-Dichlorobenzene	1.33	mg/kg	BDL		2.26	59	34		110	1	35
,3-Dichlorobenzene	1.28	mg/kg	BDL		2.26	57	33		104	0	38
,4-Dichlorobenzene	1.28	mg/kg	BDL		2.26	57	33		105	1	37
,4,5-Trichlorophenol	0.822	mg/kg	BDL		2.26	36	33		128	9	37
,4,6-Trichlorophenol	1.47	mg/kg	BDL		2.26	65	29		110	0	33
,4-Dichlorophenol	1.23	mg/kg	BDL		2.26	54	34		119	1	45
,4-Dimethylphenol	1.57	mg/kg	BDL		2.26	69	15		129	2	49
,4-Dinitrophenol	0.395	mg/kg	BDL		2.26	17	1		135	4	41
,4-Dinitrotoluene	1.86	mg/kg	BDL		2.26	82	42		123	3	35
,6-Dichlorophenol	1.39	mg/kg	BDL		2.26	62	27		129	4	42
,6-Dinitrotoluene	1.74	mg/kg	BDL		2.26	77	41		125	1	35
-Chloronaphthalene	1.45	mg/kg	BDL		2.26	64	44		108	0	34
-Chlorophenol	1.31	mg/kg	BDL		2.26	58	32		115	5	40
-Methylnaphthalene	1.42	mg/kg	BDL		2.26	63	31		120	2	36
-Methylphenol	1.46	mg/kg	BDL		2.26	65	24		124	1	41
-Nitroaniline	1.76	mg/kg	BDL		2.26	78	35		126	0	37
-Nitrophenol	1.29	mg/kg	BDL		2.26	57	32		110	0	35
& 4-Methylphenol	1.54	mg/kg	BDL		4.52	34	1		146	1	42
3'-Dichlorobenzidine	2.33	mg/kg	BDL		2.26	103	1		104	16	55
-Nitroaniline	1.64	mg/kg	BDL		2.26	73	1		108	3	40
,6-Dinitro-2-methylphenol	1.42	mg/kg	BDL		2.26	63	1		131	3	45
-Bromophenyl-phenyl ether	1.85	mg/kg	BDL		2.26	82	46		115	0	33
-Chloro-3-methylphenol	1.32	mg/kg	BDL		2.26	58	33		128	1	42
-Chloroaniline	0.883	mg/kg	BDL		2.26	39	1		88	1	52
-Chlorophenyl-phenyl ether	1.76	mg/kg	BDL		2.26	78	47		113	2	32
-Nitroaniline	2.34	mg/kg	BDL		2.26	104	9		124	2	40
-Nitrophenol	1.16	mg/kg	BDL		2.26	51	10		138	13	44
cenaphthene	1.62	mg/kg	BDL		2.26	72	40		119	1	34
cenaphthylene	1.60	mg/kg	BDL		2.26	71	41		118	1	34
cetophenone	1.48	mg/kg	BDL		2.26	65	30		135	2	35
niline	0.594	mg/kg	BDL		2.26	26	2		78	7	55
nthracene	1.83	mg/kg	BDL		2.26	81	37		131	2	33
zobenzene & 1,2-Diphenylhydra	3.42	mg/kg	BDL		4.52	76	44		120	6	37
enzidine	0.452	mg/kg	BDL	U	2.26	4	22		51	200	39
enzo(a)anthracene	2.12	mg/kg	BDL		2.26	94	30		133	1	38
enzo(a)pyrene	2.00	mg/kg	BDL		2.26	88	23		137	2	39
enzo(b)fluoranthene	1.93	mg/kg	BDL		2.26	85	27		142	11	44
enzo(g,h,i)perylene	1.56	mg/kg	BDL		2.26	69	4		132	4	37
enzo(k)fluoranthene	2.22	mg/kg	BDL		2.26	98	26		138	3	42
is(2-chloroethoxy)methane	1.50	mg/kg	BDL		2.26	66	37		116	4	36

Matrix Spike Duplicate Soil

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOIL
CTLab #:	504418	Analysis Time:	13:22	Prep Date/Time:	10/02/201413:30	Method:	SW8270
Parent Sample #:	504417	Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery		ontro imit		RPD	RPD Limit
Bis(2-chloroethyl)ether	1.37	mg/kg	BDL		2.26	61	36		114	5	38
Bis(2-chloroisopropyl)ether	1.32	mg/kg	BDL		2.26	58	28		125	3	38
Bis(2-ethylhexyl)phthalate	1.89	mg/kg	0.051		2.26	81	37		132	0	39
Butylbenzylphthalate	1.99	mg/kg	BDL		2.26	88	36		139	3	35
Carbazole	2.10	mg/kg	BDL		2.26	93	37		125	3	37
Chrysene	2.22	mg/kg	BDL		2.26	98	33		127	2	38
Di-n-butylphthalate	1.90	mg/kg	BDL		2.26	84	39		134	1	33
Di-n-octylphthalate	1.82	mg/kg	BDL		2.26	81	44		128	2	32
Dibenzo(a,h)anthracene	1.96	mg/kg	BDL		2.26	87	10		136	2	38
Dibenzofuran	1.67	mg/kg	BDL		2.26	74	40		115	0	35
Diethylphthalate	1.89	mg/kg	BDL		2.26	84	49		120	1	33
Dimethylphthalate	1.81	mg/kg	BDL		2.26	80	47		110	2	33
Fluoranthene	1.86	mg/kg	BDL		2.26	82	28		137	2	37
Fluorene	1.73	mg/kg	BDL		2.26	77	43		123	0	35
Hexachlorobenzene	1.84	mg/kg	BDL		2.26	81	44		116	0	34
Hexachlorobutadiene	1.29	mg/kg	BDL		2.26	57	34		111	2	34
Hexachlorocyclopentadiene	1.02	mg/kg	BDL		2.26	45	3		123	1	47
Hexachloroethane	1.34	mg/kg	BDL		2.26	59	23		117	2	38
Hexachloropropene	1.11	mg/kg	BDL		2.26	49	5		134	2	43
Indeno(1,2,3-cd)pyrene	1.88	mg/kg	BDL		2.26	83	7		133	2	39
Isophorone	1.50	mg/kg	BDL		2.26	66	37		107	4	34
N-Nitroso-di-n-propylamine	1.54	mg/kg	BDL		2.26	68	33		127	1	32
N-Nitrosodimethylamine	1.43	mg/kg	BDL		2.26	63	12		130	4	44
N-Nitrosodiphenylamine & Diphn	3.55	mg/kg	BDL		4.52	79	38		117	1	35
N-Nitrosopyrrolidine	1.53	mg/kg	BDL		2.26	68	33		116	3	37
Naphthalene	1.39	mg/kg	BDL		2.26	62	39		118	1	35
Nitrobenzene	1.48	mg/kg	BDL		2.26	65	34		117	1	38
Pentachlorophenol	0.503	mg/kg	BDL		2.26	22	5		134	11	35
Phenanthrene	1.80	mg/kg	BDL		2.26	80	40		125	2	37
Phenol	1.36	mg/kg	BDL		2.26	60	28		116	1	44
Pyrene	2.01	mg/kg	BDL		2.26	89	32		133	0	36
Pyridine	0.947	mg/kg	BDL		2.26	42	11		97	1	50
Surr: 2,4,6-Tribromophenol	75.0	% Recovery			100	75.0	50		109		
Surr: 2-Fluorobiphenyl	66.2	% Recovery			100	66.2	37		99		
Surr: 2-Fluorophenol	53.8	% Recovery			100	53.8	29		108		
Surr: Nitrobenzene-d5	64.0	% Recovery			100	64.0	31		102		
Surr: Phenol-d5	59.7	% Recovery			100	59.7	29		120		
Surr: Terphenyl-d14	90.0	% Recovery			100	90.0	48		106		

Matrix	Spil	ke Soil

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOIL
CTLab #:	504417	Analysis Time:	13:02	Prep Date/Time:	10/02/201413:30	Method:	SW8270
Parent Sample #:	504333	Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene	1.49	mg/kg	BDL		2.26	66	38 119		
1,2,4-Trichlorobenzene	1.34	mg/kg	BDL		2.26	59	39 108		
I,2-Dichlorobenzene	1.35	mg/kg	BDL		2.26	60	34 110		
,3-Dichlorobenzene	1.28	mg/kg	BDL		2.26	57	33 104		
,4-Dichlorobenzene	1.28	mg/kg	BDL		2.26	57	33 105		
2,4,5-Trichlorophenol	0.904	mg/kg	BDL		2.26	40	33 128		
2,4,6-Trichlorophenol	1.47	mg/kg	BDL		2.26	65	29 110		
2,4-Dichlorophenol	1.22	mg/kg	BDL		2.26	54	34 119		
2,4-Dimethylphenol	1.54	mg/kg	BDL		2.26	68	15 129		
2,4-Dinitrophenol	0.379	mg/kg	BDL		2.26	17	1 135		
2,4-Dinitrotoluene	1.93	mg/kg	BDL		2.26	85	42 123		
2,6-Dichlorophenol	1.33	mg/kg	BDL		2.26	59	27 129		
2,6-Dinitrotoluene	1.76	mg/kg	BDL		2.26	78	41 125		
-Chloronaphthalene	1.46	mg/kg	BDL		2.26	65	44 108		
-Chlorophenol	1.37	mg/kg	BDL		2.26	61	32 115		
-Methylnaphthalene	1.39	mg/kg	BDL		2.26	62	31 120		
-Methylphenol	1.45	mg/kg	BDL		2.26	64	24 124		
-Nitroaniline	1.76	mg/kg	BDL		2.26	78	35 126		
-Nitrophenol	1.30	mg/kg	BDL		2.26	58	32 110		
& 4-Methylphenol	1.53	mg/kg	BDL		4.52	34	1 146		
,3'-Dichlorobenzidine	1.99	mg/kg	BDL		2.26	88	1 104		
-Nitroaniline	1.59	mg/kg	BDL		2.26	70	1 108		
,6-Dinitro-2-methylphenol	1.47	mg/kg	BDL		2.26	65	1 131		
-Bromophenyl-phenyl ether	1.85	mg/kg	BDL		2.26	82	46 115		
-Chloro-3-methylphenol	1.33	mg/kg	BDL		2.26	59	33 128		
-Chloroaniline	0.896	mg/kg	BDL		2.26	40	1 88		
-Chlorophenyl-phenyl ether	1.72	mg/kg	BDL		2.26	76	47 113		
-Nitroaniline	2.39	mg/kg	BDL		2.26	106	9 124		
-Nitrophenol	1.01	mg/kg	BDL		2.26	45	10 138		
cenaphthene	1.61	mg/kg	BDL		2.26	71	40 119		
cenaphthylene	1.58	mg/kg	BDL		2.26	70	41 118		
cetophenone	1.52	mg/kg	BDL		2.26	67	30 135		
niline	0.637	mg/kg	BDL		2.26	28	2 78		
nthracene	1.88	mg/kg	BDL		2.26	83	37 131		
zobenzene & 1,2-Diphenylhydra	3.24	mg/kg	BDL		4.52	72	44 120		
enzidine	0.452	mg/kg	BDL	U	2.26	0	22 51		
enzo(a)anthracene	2.12	mg/kg	BDL		2.26	94	30 133		
Benzo(a)pyrene	2.05	mg/kg	BDL		2.26	91	23 137		
enzo(b)fluoranthene	2.17	mg/kg	BDL		2.26	96	27 142		
Benzo(g,h,i)perylene	1.62	mg/kg	BDL		2.26	72	4 132		
Benzo(k)fluoranthene	2.16	mg/kg	BDL		2.26	96	26 138		
sis(2-chloroethoxy)methane	1.45	mg/kg	BDL		2.26	64	37 116		

Matrix Spike Soil

Analytical Run #:	108974	Analysis Date:	10/6/2014	Prep Batch #:	49892	Matrix:	SOIL
CTLab #:	504417	Analysis Time:	13:02	Prep Date/Time:	10/02/201413:30	Method:	SW8270
Parent Sample #:	504333	Analyst:	RPN	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	1.43	mg/kg	BDL		2.26	63	36 114		
Bis(2-chloroisopropyl)ether	1.36	mg/kg	BDL		2.26	60	28 125		
Bis(2-ethylhexyl)phthalate	1.90	mg/kg	0.051		2.26	82	37 132		
Butylbenzylphthalate	2.05	mg/kg	BDL		2.26	91	36 139		
Carbazole	2.17	mg/kg	BDL		2.26	96	37 125		
Chrysene	2.17	mg/kg	BDL		2.26	96	33 127		
Di-n-butylphthalate	1.89	mg/kg	BDL		2.26	84	39 134		
Di-n-octylphthalate	1.86	mg/kg	BDL		2.26	82	44 128		
Dibenzo(a,h)anthracene	2.01	mg/kg	BDL		2.26	89	10 136		
Dibenzofuran	1.68	mg/kg	BDL		2.26	74	40 115		
Diethylphthalate	1.87	mg/kg	BDL		2.26	83	49 120		
Dimethylphthalate	1.77	mg/kg	BDL		2.26	78	47 110		
Fluoranthene	1.91	mg/kg	BDL		2.26	85	28 137		
Fluorene	1.73	mg/kg	BDL		2.26	77	43 123		
Hexachlorobenzene	1.85	mg/kg	BDL		2.26	82	44 116		
Hexachlorobutadiene	1.31	mg/kg	BDL		2.26	58	34 111		
Hexachlorocyclopentadiene	1.01	mg/kg	BDL		2.26	45	3 123		
Hexachloroethane	1.38	mg/kg	BDL		2.26	61	23 117		
Hexachloropropene	1.14	mg/kg	BDL		2.26	50	5 134		
ndeno(1,2,3-cd)pyrene	1.91	mg/kg	BDL		2.26	85	7 133		
sophorone	1.44	mg/kg	BDL		2.26	64	37 107		
N-Nitroso-di-n-propylamine	1.52	mg/kg	BDL		2.26	67	33 127		
N-Nitrosodimethylamine	1.37	mg/kg	BDL		2.26	61	12 130		
N-Nitrosodiphenylamine & Diphn	3.52	mg/kg	BDL		4.52	78	38 117		
N-Nitrosopyrrolidine	1.49	mg/kg	BDL		2.26	66	33 116		
Naphthalene	1.38	mg/kg	BDL		2.26	61	39 118		
Nitrobenzene	1.50	mg/kg	BDL		2.26	66	34 117		
Pentachlorophenol	0.564	mg/kg	BDL		2.26	25	5 134		
Phenanthrene	1.76	mg/kg	BDL		2.26	78	40 125		
Phenol	1.37	mg/kg	BDL		2.26	61	28 116		
Pyrene	2.01	mg/kg	BDL		2.26	89	32 133		
Pyridine	0.941	mg/kg	BDL		2.26	42	11 97		
Surr: 2,4,6-Tribromophenol	74.1	% Recovery			100	74.1	50 109		
Surr: 2-Fluorobiphenyl	63.6	% Recovery			100	63.6	37 99		
Surr: 2-Fluorophenol	55.3	% Recovery			100	55.3	29 108		
Surr: Nitrobenzene-d5	64.2	% Recovery			100	64.2	31 102		
Surr: Phenol-d5	60.7	% Recovery			100	60.7	29 120		
Surr: Terphenyl-d14	89.6	% Recovery			100	89.6	48 106		

SDG #: 0 Folder #: 107209 Project Number: 2146090001

	Lab	Control	Spike	Soil
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Analytical Run #:	108987	Analysis Date:	10/6/2014	Prep Batch #:	49894	Matrix:	SOLID	
CTLab #:	504425	Analysis Time:	11:07	Prep Date/Time:	10/02/201413:30	Method:	SW8082	
Parent Sample #:		Analyst:	JJY	Prep Analyst:	JLH			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	_	ontro imit:		RPD	RPD Limit
Aroclor-1016	0.526	mg/kg			0.500	105	58		131		27
Aroclor-1260	0.535	mg/kg			0.500	107	63		129		31
Surr: 2,4,5,6-TCMX	102	%			100	102	53		147		20
Surr: DCBP	110	%			100	110	65		141		20

107209 - Page 44 of 66

SDG #: 0 Folder #: 107209 Project Number: 2146090001

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ſ	Analytical Run #:	108987	Analysis Date:	10/6/2014	Prep Batch #:	49894	Matrix:	SOLID
	CTLab #:	504424	Analysis Time:	10/6/2014	-	10/02/201413:30	Method:	SW8082
	Parent Sample #:		Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Aroclor-1016	0.010	mg/kg		U	0		0.010		
Aroclor-1221	0.011	mg/kg		U	0		0.011		
Aroclor-1232	0.008	mg/kg		U	0		0.008		
Aroclor-1242	0.004	mg/kg		U	0		0.004		
Aroclor-1248	0.003	mg/kg		U	0		0.003		
Aroclor-1254	0.005	mg/kg		U	0		0.005		
Aroclor-1260	0.011	mg/kg		U	0		0.011		
Surr: 2,4,5,6-TCMX	99.5	%			100	99.5	53 147		
Surr: DCBP	111	%			100	111	65 141		

107209 - Page 45 of 66

SDG #: 0 Folder #: 107209 Project Number: 2146090001

Analytical Run #:	108987	Analysis Date:	10/6/2014	Prep Batch #:	49894	Matrix:	SOIL
CTLab #:	504428	Analysis Time:	12:25	Prep Date/Time:	10/02/201413:30	Method:	SW8082
Parent Sample #:	504427	Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	` ,	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit	
Aroclor-1016	0.590	mg/kg	BDL		0.567	104	48		151	2	40	
Aroclor-1260	0.598	mg/kg	BDL		0.567	105	51		143	0	38	
Surr: 2,4,5,6-TCMX	97.1	% Recovery			100	97.1	54		135			
Surr: DCBP	105	% Recovery			100	105	54		141			

107209 - Page 46 of 66 Date Printed: 10/8/2014

CTI & ASSOCIATES Project Name: MOLINE STREET

SDG #: 0 Folder #: 107209 Project Number: 2146090001

Matrix Spike Soil

Analytical Run #: CTLab #:	108987 504427	Analysis Date: Analysis Time:	10/6/2014 12:06	Prep Batch #: Prep Date/Time:	49894 10/02/201413:30	Matrix: Method:	SOIL SW8082
Parent Sample #:	504333	Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Con Lin		RPD	RPD Limit
Aroclor-1016	0.573	mg/kg	BDL		0.560	102	48 -	151		
Aroclor-1260	0.592	mg/kg	BDL		0.560	106	51 -	143		
Surr: 2,4,5,6-TCMX	94.8	% Recovery			100	94.8	54 -	135		
Surr: DCBP	107	% Recovery			100	107	54 -	141		

107209 - Page 47 of 66

Lab Control	l Spike Soil
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Analytical Run #:	108988	Analysis Date:	10/6/2014	Prep Batch #:	49893	Matrix:	SOLID
CTLab #:	504420	Analysis Time:	22:01	Prep Date/Time:	10/02/201413:30	Method:	SW8081
Parent Sample #:		Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	_	ontro imit		RPD	RPD Limit
4,4'-DDD	0.0416	mg/kg			0.0400	104	63		129		20
4,4'-DDE	0.0408	mg/kg			0.0400	102	66		125		20
4,4'-DDT	0.0413	mg/kg			0.0400	103	57		146		20
Aldrin	0.0386	mg/kg			0.0400	96	59		122		20
alpha-BHC	0.0392	mg/kg			0.0400	98	59		125		20
alpha-Chlordane	0.0389	mg/kg			0.0400	97	62		123		20
beta-BHC	0.0394	mg/kg			0.0400	98	61		125		20
Chlordane (Technical)	0.234	mg/kg			0.250	94	53		130		20
delta-BHC	0.0405	mg/kg			0.0400	101	49		128		20
Dieldrin	0.0396	mg/kg			0.0400	99	61		126		20
Endosulfan I	0.0388	mg/kg			0.0400	97	58		123		20
Endosulfan II	0.0407	mg/kg			0.0400	102	63		122		20
Endosulfan sulfate	0.0405	mg/kg			0.0400	101	57		124		20
Endrin	0.0400	mg/kg			0.0400	100	59		135		20
Endrin aldehyde	0.0387	mg/kg			0.0400	97	38		123		20
Endrin ketone	0.0403	mg/kg			0.0400	101	58		132		20
gamma-Chlordane	0.0379	mg/kg			0.0400	95	64		122		20
Heptachlor	0.0395	mg/kg			0.0400	99	63		128		20
Heptachlor epoxide	0.0392	mg/kg			0.0400	98	62		122		20
Lindane	0.0385	mg/kg			0.0400	96	60		124		20
Methoxychlor	0.0405	mg/kg			0.0400	101	58		149		20
SURR:2,4,5,6-CL4-m-xylene	93.3	% Recovery			100	93.3	56		120		
SURR:Decachlorobiphenyl	99.2	% Recovery			100	99.2	49		135		
Toxaphene	0.235	mg/kg			0.250	94	44		152		20

Meth		DI	1	· C.	-:1
werr	าดส	BI	ank	.51	OH.

Analytical Run #:	108988	Analysis Date:	10/6/2014	Prep Batch #:	49893	Matrix:	SOLID
CTLab #:	504419	Analysis Time:	21:43	Prep Date/Time:	10/02/201413:30	Method:	SW8081
Parent Sample #:		Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
4,4'-DDD	0.0011	mg/kg		U	0		.0011		
4,4'-DDE	0.0011	mg/kg		U	0		.0011		
4,4'-DDT	0.0010	mg/kg		U	0		.0010		
Aldrin	0.0008	mg/kg		U	0		.0008		
alpha-BHC	0.0004	mg/kg		U	0		.0004		
alpha-Chlordane	0.0005	mg/kg		U	0		.0005		
beta-BHC	0.0008	mg/kg		U	0		.0008		
Chlordane (Technical)	0.005	mg/kg		U	0		0.005		
delta-BHC	0.0007	mg/kg		U	0		.0007		
Dieldrin	0.0006	mg/kg		U	0		.0006		
Endosulfan I	0.0006	mg/kg		U	0		.0006		
Endosulfan II	0.0006	mg/kg		U	0		.0006		
Endosulfan sulfate	0.0013	mg/kg		U	0		.0013		
Endrin	0.0006	mg/kg		U	0		.0006		
Endrin aldehyde	0.0011	mg/kg		U	0		.0011		
Endrin ketone	0.0015	mg/kg		U	0		.0015		
gamma-Chlordane	0.0005	mg/kg		U	0		.0005		
Heptachlor	0.0019	mg/kg		U	0		.0019		
Heptachlor epoxide	0.0008	mg/kg		U	0		.0008		
_indane	0.0005	mg/kg		U	0		.0005		
Methoxychlor	0.0010	mg/kg		U	0		.0010		
SURR:2,4,5,6-CL4-m-xylene	91.5	% Recovery			100	91.5	56 120		
SURR:Decachlorobiphenyl	97.4	% Recovery			100	97.4	49 135		
Toxaphene	0.009	mg/kg		U	0		0.009		

Matrix Spike Duplicate Soil

Analytical Run #:	108988	Analysis Date:	10/6/2014	Prep Batch #:	49893	Matrix:	SOIL
CTLab #:	504423	Analysis Time:	23:30	Prep Date/Time:	10/02/201413:30	Method:	SW8081
Parent Sample #:	504422	Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
4,4'-DDD	0.0452	mg/kg	BDL		0.0454	100	41		139	7	21
4,4'-DDE	0.0411	mg/kg	0.0024		0.0454	85	35		141	6	29
4,4'-DDT	0.0464	mg/kg	BDL		0.0454	102	40		153	8	39
Aldrin	0.0383	mg/kg	BDL		0.0454	84	39		132	4	31
alpha-BHC	0.0386	mg/kg	BDL		0.0454	85	34		140	5	31
alpha-Chlordane	0.0386	mg/kg	0.00068		0.0454	84	41		131	6	37
oeta-BHC	0.0409	mg/kg	0.0026		0.0454	84	35		143	4	40
delta-BHC	0.0382	mg/kg	BDL		0.0454	84	28		129	12	32
Dieldrin	0.0403	mg/kg	0.0014		0.0454	86	40		135	5	33
Endosulfan I	0.0385	mg/kg	BDL		0.0454	85	42		130	6	39
Endosulfan II	0.0417	mg/kg	0.0011		0.0454	89	45		135	6	32
Endosulfan sulfate	0.0422	mg/kg	BDL		0.0454	93	32		142	6	36
Endrin	0.0437	mg/kg	0.0010		0.0454	94	40		155	6	43
Endrin aldehyde	0.0382	mg/kg	BDL		0.0454	84	26		132	9	35
Endrin ketone	0.0424	mg/kg	0.0034		0.0454	86	37		150	6	30
gamma-Chlordane	0.0361	mg/kg	BDL		0.0454	80	40		135	8	38
Heptachlor	0.0408	mg/kg	BDL		0.0454	90	38		151	5	28
Heptachlor epoxide	0.0402	mg/kg	0.0024		0.0454	83	45		128	5	36
_indane	0.0384	mg/kg	BDL		0.0454	85	39		136	5	39
Methoxychlor	0.0464	mg/kg	BDL		0.0454	102	38		159	8	42
SURR:2,4,5,6-CL4-m-xylene	80.6	% Recovery			100	80.6	39		131		
SURR:Decachlorobiphenyl	73.9	% Recovery			100	73.9	40		138		38

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Matrix	٠.	nike	SOIL
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Analytical Run #:	108988	Analysis Date:	10/6/2014	Prep Batch #:	49893	Matrix:	SOIL
CTLab #:	504422	Analysis Time:	23:12	Prep Date/Time:	10/02/201413:30	Method:	SW8081
Parent Sample #:	504333	Analyst:	JJY	Prep Analyst:	JLH		

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	_	ontro imit		RPD	RPD Limit
4,4'-DDD	0.0484	mg/kg	BDL		0.0454	107	41		139		
4,4'-DDE	0.0437	mg/kg	BDL		0.0454	96	35		141		
4,4'-DDT	0.0500	mg/kg	BDL		0.0454	110	40		153		
Aldrin	0.0397	mg/kg	BDL		0.0454	87	39		132		
alpha-BHC	0.0406	mg/kg	BDL		0.0454	89	34		140		
alpha-Chlordane	0.0408	mg/kg	BDL		0.0454	90	41		131		
beta-BHC	0.0427	mg/kg	BDL		0.0454	94	35		143		
delta-BHC	0.0430	mg/kg	BDL		0.0454	95	28		129		
Dieldrin	0.0425	mg/kg	BDL		0.0454	94	40		135		
Endosulfan I	0.0407	mg/kg	BDL		0.0454	90	42		130		
Endosulfan II	0.0442	mg/kg	BDL		0.0454	97	45		135		
Endosulfan sulfate	0.0449	mg/kg	BDL		0.0454	99	32		142		
Endrin	0.0464	mg/kg	0.0010		0.0454	100	40		155		
Endrin aldehyde	0.0417	mg/kg	BDL		0.0454	92	26		132		
Endrin ketone	0.0450	mg/kg	0.0034		0.0454	92	37		150		
gamma-Chlordane	0.0389	mg/kg	BDL		0.0454	86	40		135		
Heptachlor	0.0428	mg/kg	BDL		0.0454	94	38		151		
Heptachlor epoxide	0.0423	mg/kg	0.0024		0.0454	88	45		128		
Lindane	0.0403	mg/kg	BDL		0.0454	89	39		136		
Methoxychlor	0.0501	mg/kg	BDL		0.0454	110	38		159		
SURR:2,4,5,6-CL4-m-xylene	82.6	% Recovery			100	82.6	39		131		
SURR:Decachlorobiphenyl	80.9	% Recovery			100	80.9	40		138		



Sample Condition Report

Folder #: 107209

Client: CTI & ASSOCIATES Print Date / Time: Received Date / Time / By: 10/03/2014 09:26 10/02/2014

1050 JLS

Project Name: MOLINE STREET

Project Phase:

Log-In Date / Time / By: 2146090001 Project #:

Υ

10/02/2014 1059

JLS **PML** PM:

Υ

Coolers: THEIRS

Temperature: COC Present:? 4.8 C

Complete?

On Ice:

Custody Seals Present:

Seal Intact?

Ship Method: Adequate Packaging: Y Numbers:

Tracking Number: Temp Blank Enclosed?

Notes: THE SAMPLES WERE RECEIVED INTACT AND ON ICE.

THE HERBICIDES WERE SENT DIRECTLY TO THE SUBLAB, MICROBAC, AND THEY RECEIVED THEIR SAMPLES INTACT.

Sample II	D / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
504333	MOLINE-10-01-14-MM-S1	MISC Total # of Containe	1 ers of Type (<i>M</i>	//SC) = 1	%SOL,HG,ICP,voc
504333	MOLINE-10-01-14-MM-S1	MISC Total # of Containe	1 ers of Type (<i>M</i>	//////////////////////////////////////	8270,HERB,PCB,PEST
Sample II	O / Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
504334	MOLINE-10-01-14-MM-S2	MISC Total # of Containe	1 ers of Type (<i>M</i>	//SC) = 1	%SOL,HG,ICP,voc
504334	MOLINE-10-01-14-MM-S2	MISC Total # of Containe	1 ers of Type (<i>M</i>	//SC) = 1	8270,HERB,PCB,PEST

Condition Code Condition Description

Sample Received OK





Laboratory Report Number: L14100125

Patrick Letterer CT Laboratories 1230 Lange Court Baraboo, WI 53913

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac's Ohio Valley Division (OVD). If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed below.

Laboratory Contact: Stephanie Mossburg – Team Chemist/Data Specialist (740) 373-4071 Stephanie.Mossburg@microbac.com

I certify that all test results meet all of the requirements of the DoD QSM and other applicable contract terms and conditions. Any exceptions are attached to this cover page or addressed in the method narratives presented in the report. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on a 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories, DoD ELAP certification number 2936.01. The reported results are related only to the samples analyzed as received.

This report was certified on October 08 2014

David E. Vandenberg

David Vandenberg - Managing Director

State of Origin: US

Accrediting Authority: N/A ID:N/A

QAPP: DOD Ver 4.1





Generated: 10/08/2014 16:27

Microbac Laboratories * Ohio Valley Division
158 Starlite Drive, Marietta, OH 45750 * T: (740) 373-4071 F: (740) 373-4835 * www.microbac.com



Lab Project #: 2694.006

Project Name: CT Labs Misc

Lab Contact: Stephanie Mossburg

Generated: 10/08/2014 16:27

Record of Sample Receipt and Inspection

Comments/Discrepancies

This is the record of the shipment conditions and the inspection records for the samples received and reported as a sample delivery group (SDG). All of the samples were inspected and observed to conform to our receipt policies, except as noted below.

There were no discrepancies.

Discrepancy Resolution

Coolers					
Cooler #	Temperature Gun	Temperature	COC#	Airbill #	Temp Required?
0019998	I	3.0		1001891750160004575000771352066917	Х

Inspe	ction Checklist	
#	Question	Result
1	Were shipping coolers sealed?	Yes
2	Were custody seals intact?	Yes
3	Were cooler temperatures in range of 0-6?	Yes
4	Was ice present?	Yes
5	Were COC's received/information complete/signed and dated?	Yes
6	Were sample containers intact and match COC?	Yes
7	Were sample labels intact and match COC?	Yes
8	Were the correct containers and volumes received?	Yes
9	Were samples received within EPA hold times?	Yes
10	Were correct preservatives used? (water only)	NA
11	Were pH ranges acceptable? (voa's excluded)	NA
12	Were VOA samples free of headspace (less than 6mm)?	NA

Microbac Laboratories ● Ohio Valley Division 158 Starlite Drive, Marietta, OH 45750 ● T: (740)373-4071 F: (740)373-4835 www.microbac.com



Lab Project #: L14100125 Lab Project #: 2694.006 Project Name: CT Labs Misc

Lab Contact: Stephanie Mossburg

Samples Received			
Client ID	Laboratory ID	Date Collected	Date Received
MOLINE-10-01-14-MM-S1	L14100125-01	10/01/2014 12:30	10/02/2014 10:36
MOLINE-10-01-14-MM-S2	L14100125-02	10/01/2014 12:30	10/02/2014 10:36

Microbac Laboratories ● Ohio Valley Division 158 Starlite Drive, Marietta, OH 45750 ● T: (740)373-4071 F: (740)373-4835 www.microbac.com

L14100125 / Revision: 0 / 14 total pages



Login Number: L14100125

Department: General Chromatography

Analyst: Eric Lawson

METHOD

Analysis SW-846 8151A

HOLDING TIMES

Sample Preparation: All holding times were met.

Sample Analysis: All holding times were met.

PREPARATION

Sample preparation proceeded normally.

CALIBRATION

Initial Calibration: For all compounds that yielded a %RSD greater than 20%, linear or higher order equations were applied. All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Continuing Calibration and Tune: All acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.

Laboratory Control Sample: There were no hits in the samples associated with this LCS.

Sample #	Analyte	Date	Result	Lower	Upper	Туре
WG495005-02	Dicamba	2014-10-07 13:42:00	389	55	110	Recovery
WG495005-02	Dichloroprop	2014-10-07 13:42:00	74.0	75	140	Recovery

Matrix Spikes: The client did not specify an MS/MSD for this sample delivery group. The laboratory selected sample 01 for MS/MSD analysis and recoveries out of range were observed for Dichloroprop. Please see the applicable QC report for a detailed presentation of the failures.

Page 1 of 2

Generated at Oct 8, 2014 13:31

SAMPLES

Samples: All acceptance criteria were met.

Surrogates: All acceptance criteria were met.

Manual Integration Reason Codes

Reason #1: Data System Fails to Select Correct Peak In some cases the chromatography system selects and integrates the 'wrong peak'. In this case the analyst must correct the selection and force the system to integrate the proper peak. Other times the system may miss the peakcompletely.

Reason #2: Data System Splits the Peak Incorrectly or Integrates a False Peak as a Rider Peak This phenomena is common at low concentrations where the signal:noise ratio is low. A single compound (peak) is incorrectly split into multiple peaks or integrated as a main peak with one or more rider peaks resulting in low areacounts for the target compound.

Reason #3: Improperly Integrated Isomers and/or coeluting compounds. This system often fails to distinguish coeluting compounds and or isomers. The integration areas and concentrations are wrong, and they must be corrected by manual integration. Prime examples are benzo(k)fluoranthene andbenzo(b)fluoranthene which are often unresolved and integrated improperly when both are present at low concentrations in standards or samples.

Reason #4: System Establishes Incorrect Baseline There are numerous situations in chromatography where the system establishes the baseline incorrectly. Some baseline errors will be obvious to the analyst and should be corrected via manual procedures.

Reason #5: Miscellaneous Other situations involving integration errors may require in-depth review and technical judgment. These cases should be brought to the attention of the laboratory management. If the form of manual integration is not clearly covered by these four cases, then review and approval by the Laboratory Director or the QA/QC Supervisor will be required.

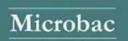
I certify that this data package is in compliance with the terms and conditions agreed to by the client and Microbac Laboratories Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Narrative ID: 89823

Approved By: Jeremy Kinney

Page 2 of 2

Generated at Oct 8, 2014 13:31



Lab Report #: L14100125
Lab Project #: 2694.006
Project Name: CT Labs Misc
Lab Contact: Stephanie Mossburg

Certificate of Analysis

Sample #: L14100125-01 PrePrep Method: N/A Instrument: HP17

 Client ID:
 MOLINE-10-01-14-MM-S1
 Prep Method:
 METHOD
 Prep Date:
 10/03/2014 08:45

 Matrix:
 Soil
 Analytical Method:
 8151A
 Cal Date:
 08/22/2014 15:55

 Workgroup #:
 WG495271
 Analyst:
 ECL
 Run Date:
 10/07/2014 15:01

 Collect Date:
 10/01/2014 12:30
 Dilution:
 1
 File ID:
 17G17963.R

Sample Tag: 01 Units: ug/kg Percent Solid: 82.2

Analyte	CAS	#	Resu	ılt	Ç	ual	LOQ	LOD
2,4-D	94-75-	7				U	46.8	23.4
2,4-DB	94-82-	6				U	46.8	23.4
2,4,5-T	93-76-	5				U	4.68	2.34
2,4,5-TP (Silvex)	93-72-	1				U	3.51	1.75
Dalapon	75-99-	0				U	117	58.5
Dicamba	1918-00)-9				U	4.68	2.34
Dichloroprop	120-36	-5				U	46.8	23.4
Dinoseb	88-85-	7				U	23.4	11.7
MCPA	94-74-	6				U	4680	2340
MCPP	93-65-	2				U	4680	2340
Cumanata	 		.au I isait	Haman				

Surrogate	Recovery	Lower Limit	Upper Limit	Q
2,4-Dichlorophenylacetic acid	37.8	25	110	

U Analyte was not detected. The concentration is below the reported LOD.

Sample #: L14100125-02 PrePrep Method: N/A Instrument: HP17

 Client ID:
 MOLINE-10-01-14-MM-S2
 Prep Method:
 METHOD
 Prep Date:
 10/03/2014 08:45

 Matrix:
 Soil
 Analytical Method:
 8151A
 Cal Date:
 08/22/2014 15:55

 Workgroup #:
 WG495271
 Analyst:
 ECL
 Run Date:
 10/07/2014 16:20

 Collect Date:
 10/01/2014 12:30
 Dilution:
 1
 File ID:
 17G17966.R

Sample Tag: 01 Units: ug/kg Percent Solid: 87.7

Analyte	CAS	# Res	sult	Q	ual	LOQ	LOD
2,4-D	94-7	5-7			U	44.5	22.3
2,4-DB	94-8	2-6			U	44.5	22.3
2,4,5-T	93-7	6-5			U	4.45	2.23
2,4,5-TP (Silvex)	93-7	2-1			U	3.34	1.67
Dalapon	75-9	9-0			U	111	55.6
Dicamba	1918-	00-9			U	4.45	2.23
Dichloroprop	120-3	6-5			U	44.5	22.3
Dinoseb	88-8	5-7			U	22.3	11.1
MCPA	94-7	4-6			U	4450	2230
MCPP	93-6	5-2			U	4450	2230
Surrogate	Recovery	Lower Limit	Upper	Limit	Q		

Page 1 of 2 Generated at Oct 8, 2014 16:29

L14100125 / Revision: 0 / 14 total pages



Lab Report #: 1.14100125
Lab Project #: 2694.006
Project Name: CT Labs Misc

Lab Contact: Stephanie Mossburg

Certificate of Analysis

2,4-Dichlorophenylacetic acid	65.4	25	110		
-------------------------------	------	----	-----	--	--

U Analyte was not detected. The concentration is below the reported LOD.

Page 2 of 2 Generated at Oct 8, 2014 16:29

Generated: 10/08/2014 16:27

Page 7 107209 - Page 59 of 66



Lab Report #: L14100125

Lab Project #: 2694.006

Project Name: CT Labs Misc

Lab Contact: Stephanie Mossburg

Sample #: L14100125-01 Client ID: MOLINE-10-01-14-MM-S1	Matrix: Soil	Col	lect Date: 10/0	1/2014 12:30
Analyte	Result	Units	Qualifier	
Percent Solids	82.2	weight %		

Sample #: L14100125-02 Client ID: MOLINE-10-01-14-MM-S2	Matrix: Soil	Col	lect Date: 10/01	/2014 12:30
Analyte	Result	Units	Qualifier	
Percent Solids	87.7	weight %		

Page 1 of 1 Generated at Oct 8, 2014 16:30

Generated: 10/08/2014 16:27

L14100125 / Revision: 0 / 14 total pages

Microbac Laboratories Inc. Ohio Valley Division Analyst List October 8, 2014

001 - BIO-CHEM TESTING WVDEP 220 002 - REIC Consultants, Inc. WVDEP 060 003 - Sturm Environmental 004 - MICROBAC PITTSBURGH 006 - ALCOSAN LABORATORIES 005 - ES LABORATORIES 008 - BENCHMARK LABORATORIES 007 - ALS LABORATORIES
010 - MICROBAC CHICAGOLAND
ADC - ANTHONY D. CANTER
ADG - APRIL D. GREENE
AWE - ANDREW W. ESSIG
BJO - BRIAN J. OGDEN
BLG - BRENDA L. GREENWALT
CAA - CASSIE A. AUGENSTEIN
CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD
CLC - CHRIS S. HILL
DCM - DAVID C. MERCKLE

008 - BENCHMARK LABORATORI
ADC - ANTHONY D. CANTER
ADC - ANTHONY D. CANTER
ADC - ANTHONY D. CANTER
ALS - ADRIANE L. STEED
AZH - AFTER HOURS
BKT - BRENDAN TORRENCE
BKT - BRENDAN TORRENCE
CAF - CHERYL A. FLOWERS
CAF - CHERYL A. FLOWERS
CJR - COURTNEY J. REXROAD
CLS - CARA L. STRICKLER
CPD - CHAD P. DAVID
CM - DAVID C MERCKLE 007 - ALS LABORATORIES DEV - DAVID E. VANDENBERG DLB - DAVID L. BUMGARNER DSM - DAVID S. MOSSOR DCM - DAVID C. MERCKLE DIH - DEANNA I. HESSON DLP - DOROTHY L. PAYNE ECL - ERIC C. LAWSON ENY - EMILY N. YOAK ERP - ERIN R. PORTER

JBK - JEREMY B. KINNEY

JDS - JARED D. SMITH

JLL - JOHN L. LENT

JTP - JOSHUA T. PEMBERTON EPT - ETHAN P. TIDD FJB - FRANCES J. BOLDEN JDH - JUSTIN D. HESSON JJS - JOHN J. STE MARIE JMW - JEANA M. WHITE JWR - JOHN W. RICHARDS JWS - JACK W. SHEAVES KAJ - KELLIE A. JOHNSON JYH - JI Y. HU KAJ - KELLIE A. COMMONICA KEB - KATIE E. BARNES KRA - KATHY R. ALBERTSON KRP - KATHY R. PARSONS LKN - LINDA K. NEDEFF LSB - LESLIE S. BUCINA MDA - MIKE D. ALBERTSON MES - MARY E. SCHILLING MMR - MAREN M. BEERY KDW - KATHRYN D. WELCH KHR - KIM H. RHODES KRB - KAELY R. BECKER LEC - LAURA E. CARPENTER LLS - LARRY L. STEPHENS MBK - MORGAN B. KNOWLTON MDC - MIKE D. COCHRAN MMB - MAREN M. BEERY MSW - MATT S. WILSON PIT - MICROBAC WARRENDALE MLB - MEGAN L. BACHE MRT - MICHELLE R. TAYLOR PDM - PIERCE D. MORRIS PRL - PAIGE R. LAMB PSW - PEGGY S. WEBB QX - QIN XU RAH - ROY A. HALSTEAD REK - BOB E. KYER

RM - RAYMOND MALEKE

RNP - RICK N. PETTY

SAV - SARAH A. VANDENBERG

SDC - SHALYN D. CONLEY

SIM - STEPHANIE L. MOSSBURG

SLP - SHERI L. PFALZGRAF TB - TODD BOYLE TMB - TIFFANY M. BAILEY VC - VICKI COLLIER WRR - WESLEY R. RICHARDS TMM - TAMMY M. MORRIS WJB - WILL J. BEASLEY WTD - WADE T. DELONG XXX - UNAVAILABLE OR SUBCONTRACT

Microbac Laboratories Inc. List of Valid Qualifiers October 08, 2014

Qualkey: DOD

Qualifier	<u>Description</u>
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Greater than
A B	See the report narrative The reported result is associated with a contaminated method blank.
B1	Target analyte detected in method blank at or above the method reporting limit
B3	Target analyte detected in calibration blank at or above the method reporting limit
B4	The BOD unseeded dilution water blank exceeded 0.2 mg/L
С	Confirmed by GC/MS
CG	Confluent growth
CT1	The cooler temperature at receipt exceeded regulatory guidelines for requested testing.
DL E	Surrogate or spike compound was diluted out Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
F, S	Estimated result below quantitation limit; method of standard additions(MSA)
F,ĆT1	Estimated value; the analyte concentration was less than the RL/LOQ. The cooler temperature at receipt exceeded regula
FL	Free Liquid
H1	Sample analysis performed past holding time.
H1,CT1	Sample analysis performed past holding time. The cooler temperature at receipt exceeded regulatory guidelines for reque
l J	Semiquantitative result (out of instrument calibration range)
J	Estimated concentration; sample matrix interference. Estimated value; the analyte concentration was greater than the highest standard
j	Estimated value; the analyte concentration was greater than the highest standard
J	The reported result is an estimated value.
J,B	Analyte detected in both the method blank and sample above the MDL.
J,CT1	Estimated value; the analyte concentration was less than the RL/LOQ.
J,CT1	Estimated value; the analyte concentration was less than the RL/LOQ. The cooler temperature at receipt exceeded regula
J,H1	Estimated value; the analyte concentration was less than the LOQ. Sample analysis performed past holding time.
J,H1 J,P	The reported result is an estimated value. Sample was analyzed past holding time. Estimate; columns don't agree to within 40%
J,S	Estimated concentration; analyzed by method of standard addition (MSA)
JB	The reported result is an estimated value. The reported result is also associated with a contaminated method blank.
JQ	The reported result is an estimated value and one or more quality control criteria failed. See narrative.
L	Sample reporting limits elevated due to matrix interference
L1	The associated blank spike (LCS) recovery was above the laboratory acceptance limits.
L2	The associated blank spike (LCS) recovery was below the laboratory acceptance limits.
M N	Matrix effect; the concentration is an estimate due to matrix effect. Nontarget analyte; the analyte is a tentativlely identified compound (TIC) by GC/MS
NA	Not applicable
ND	Not detected at or above the reporting limit (RL/MDL).
ND, B	Not detected at or above the reporting limit (RL). Analyte present in method blank.
ND, CT1	Analyte was not detected. The concentration is below the reported LOD. The cooler temperature at receipt exceeded reg
ND, L	Not detected; sample reporting limit (RL) elevated due to interference
ND, S	Not detected; analyzed by method of standard addition (MSA)
ND,H1 ND,H1,CT1	Not detected; Sample analysis performed past holding time. Not detected; Sample analysis performed past holding time. The cooler temperature at receipt exceeded regulatory guide
NF.	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P Q	Concentrations >40% difference between the two GC columns One or more quality control criteria failed. See narrative.
Q,H1	One or more quality control criteria failed. Sample analyzed past holding time. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition (MSA)
SMI	Sample matrix interference on surrogate
SP TIC	Reported results are for spike compounds only Library Search Compound
TNTC	Too numerous to count
TNTC, B	Too numerous to count. Analyte present in method blank.
TNTC,CT1	Too numerous to count. The cooler temperature at receipt exceeded regulatory guidelines for requested testing.
TNTC,H1	Too numerous to count. Sample analysis performed past holding time.



Microbac Laboratories Inc. List of Valid Qualifiers October 08, 2014

Qualkey: DOD

U	Analyte was not detected. The concentration is below the reported LOD.
U,H1	Not detected; Sample analysis performed past holding time.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
UQ	Undetected; the analyte was analyzed for, but not detected.
W	Post-digestion spike for furnace AA out of control limits
Χ	Exceeds regulatory limit
X, S	Exceeds regulatory limit; method of standard additions (MSA)
Z	Cannot be resolved from isomer - see below



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Company:	CTI and Ass	ociate	s					1			12:	30 La	nge (Court,	, Bara	boo,	WI 53	913	Repo	rt to	:		Мо			
Contact:	Tim Moore			CT 10		r Λ η	1 6	()	A			608.3	356.2	760	Fax	608	.356.2	766	EMA	IL:		tmc	ore	@0	tic	ompanies.com
Telephone:		73475	18376	(LH	BORAT	UK	۱t) 7	The	ž	1		W	ww.c	tlabo	rato	ries.c	<u>om</u>	Com	pany	:	CTI	and	As	soc	ciates
EMAIL:	tmoore@c	ticomp	anies.c		Lab Us	e Only								Prog	ram:				Addr	ess:		5133	31 W.	. Po	ntia	ac Trall, Wixom, MI 4839
Project:	Moline Stre	et PCE	3 Site							3	QS	M	RC	RA	SDV	٧A	NPD	ES	Invoi	ice to); *	Tim	Мо	ore	e	Jenny Armstrong
Project #		21460									Oth	er:							EMA	IL:		jarn	nstro	ong	<u> 3</u> @	cticompanies.com
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Sampled by:	Tim Moore																		Addr							
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Microbac Laboratories Inc.

Internal Chain of Custody Report

Login: L14100125
Account: 2694
Project: 2694.006

Samples: 2

Due Date: 07-OCT-2014

 Samplenum
 Container ID
 Products

 L14100125-01
 446692
 PCT-S

Bottle: 1

Seq.	Purpose	From	То	Date/Time	Accept	Relinquish	рН
1	LOGIN	COOLER	W1	02-OCT-2014 11:12	CLS		
2	PREP	W1	DIG	02-OCT-2014 13:28	ERP	CLS	
3	ANALYZ*	DIG	SEMI	06-OCT-2014 14:46	CAA	ERP	

^{*}Sample extract/digestate/leachate

 Samplenum
 Container ID
 Products

 L14100125-02
 446693
 PCT-S

Bottle: 1

Seq.	Purpose	From	То	Date/Time	Accept	Relinquish	рН
1	LOGIN	COOLER	W1	02-OCT-2014 11:12	CLS		
2	PREP	W1	DIG	02-OCT-2014 13:28	ERP	CLS	
3	ANALYZ*	DIG	SEMI	06-OCT-2014 14:46	CAA	ERP	

^{*}Sample extract/digestate/leachate

A1 - Sample Archive (COLD)

A2 - Sample Archive (AMBIENT)

F1 - Volatiles Freezer in Login

V1 - Volatiles Refrigerator in Login

W1 - Walkin Cooler in Login



Page 14 107209 - Page 66 of 66

GRADATION REPORT

 Report Number:
 25141623.0006

 Service Date:
 10/08/14

 Report Date:
 10/08/14

Task:

Terracon 10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc.

Attn: Timothy Moore
51331 Pontiac Trail
Wixom, MI 48393

Moline Street PCB Site Removal Action
3555 Moline St
Aurora, CO

Project No. 25141623

ASTM C-136/AASHTO T27
ASTM C-117/AASHTO T11
Sieve Analysis of Fine and Coarse Aggregates
Materials Finer Than 75 Micron (No. 200) Sieve in Mineral Aggregates by Washing

Soil Description: GP-Gm, Poorly graded gravel with silt and sand, A-1-b Before Wash (g)

Sample No.: Moline-10-1-14-MM-S2 Sample + Tare: 3155.9 2778.6

Date Received: 10/1/2014 Tare: 0.0 0.0

Tested By: LV **Net Sample:** 3155.9 2778.6

Date Tested: 10/6/2014 **Wash Loss:** 377.3

				S	ons	
Sieve Size	Wt. Retained (g)	Percent Retained	Percent Passing	Min.	Max.	Result
2 in.						
1 1/2 in.						
1 in.	0.0	0%	100%			
3/4 in.	127.6	4%	96%	100%		Fail
1/2 in.	795.2	25%	75%			
3/8 in.	1126.7	36%	64%			
#4	1634.5	52%	48%	30%	65%	Pass
#8	1869.9	59%	41%	25%	55%	Pass
#10						
#16	2051.6	65%	35%			
#30	2231.1	71%	29%			
#40	2332.4	74%	26%			
#50	2434.8	77%	23%			
#100	2650.0	84%	16%			
#200	2809.7	89%	11.0%	3%	12%	Pass
Pan	2878.7					

Notes: Material is Non-plastic.

Services: Terracon Rep: Reported To: Contractor:

Report Distribution

(1) CTI and Associates, Inc., Timothy

Reviewed By:		
_	Jon D. Doudna, P.E.	

Project Engineer

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently

CT0002, 6-28-10, Rev.6 Page 1 of 2

similar or identical materials.

Jon Doudia

CT0002, 6-28-10, Rev.6 Page 2 of 2

LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

Report Number: 25141623.0005 **Service Date:** 10/02/14 Report Date: 10/06/14

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Task: Earthwork/Field Density Testing

Project Client

CTI and Associates, Inc. Moline Street PCB Site Removal Action Attn: Timothy Moore 3555 Moline St 51331 Pontiac Trail Aurora, CO Wixom, MI 48393

Project Number 25141623

Material Information

Source of Material: Martin Marietta Spec Agg Quarry

Proposed Use: Class 6 Fill Sample Information

Sample Date: 10/01/14 Sampled By: Contractor

Sample Location: Martin Marietta Spec Agg Quarry

Sample Description: Moline-10-1-14-MM-S1 (North) Class 6

Laboratory Test Data

Test Procedure: ASTM D698 **Test Method:** Method C Sample Preparation: Wet **Rammer Type:** Mechanical

Maximum Dry Unit Weight (pcf): 137.2 **Optimum Water Content (%):** 7.4

Result **Specifications** Non-plastic Maximum 30 **Liquid Limit:**

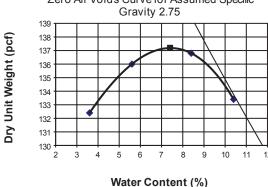
Plastic Limit: Non-plastic **Plasticity Index:** Non-plastic

In-Place Moisture (%):

Passing 3/4" (%): 980 Minimum 100.0 Passing #200 (%): 11.0 3.0 - 12.0

USCS: Poorly Graded Gravel w/ Silt & Sand

Zero Air Voids Curve for Assumed Specific



Comments: An asterisk (*) appears next to test results which do NOT meet the project specifications as noted above.

Services: D698, Sieve, PI

Terracon Rep.: Contractor

Reported To: Contractor:

Report Distribution:

(1) CTI and Associates, Inc., Timothy Moore

Reviewed By:

Jon D. Doudna, P.E. **Project Engineer**

Test Methods:

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Page 1 of 1 CR0006, 10-16-13, Rev.7

GRADATION REPORT

 Report Number:
 25141623.0007

 Service Date:
 10/08/14

 Report Date:
 10/08/14

Task:

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc.

Attn: Timothy Moore
51331 Pontiac Trail
Wixom, MI 48393

Moline Street PCB Site Removal Action
3555 Moline St
Aurora, CO

Project No. 25141623

ASTM C-136/AASHTO T27

ASTM C-117/AASHTO T11

Sieve Analysis of Fine and Coarse Aggregates

Materials Finer Than 75 Micron (No. 200) Sieve in Mineral Aggregates by Washing

Soil Description: GP-GM, Poorly graded gravel with silt and sand. A-1-a

Before Wash (g)

After Wash (g)

Sample No.: Moline-10-1-14-MM-S1

Sample + Tare: 2382.5

2188.4

 Date Received:
 10/1/2014
 Tare:
 0.0
 0.0

 Tested By:
 LV
 Net Sample:
 2382.5
 2188.4

Date Tested: 10/6/2014 **Wash Loss:** 194.1

				Specification		ons
Sieve Size	Wt. Retained (g)	Percent Retained	Percent Passing	Min.	Max.	Result
2 in.						
1 1/2 in.						
1 in.	0.0	0%	100%			
3/4 in.	43.5	2%	98%	100%		Fail
1/2 in.	463.8	19%	81%			
3/8 in.	742.0	31%	69%			
#4	1136.2	48%	52%	30%	65%	Pass
#8	1362.6	57%	43%	25%	55%	Pass
#10	1403.0	59%	41%			
#16	1518.4	64%	36%			
#30	1659.6	70%	30%			
#40	1743.9	73%	27%			
#50	1833.4	77%	23%			
#100	1995.5	84%	16%			
#200	2126.4	89%	10.7%	3%	12%	Pass
Pan	2188.3					

Notes: Materis is Non-plastic.

Services: Terracon Rep: Reported To: Contractor:

Report Distribution

	(1)	OTI	1	A:-4	T	T 41	
۱	11)	CII	and	Associates.	Inc	Timoun	V

Reviewed By:	
	Jon D. Doudna, P.E.

Project Engineer

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently

CT0002, 6-28-10, Rev.6 Page 1 of 2

similar or identical materials.

Jon Doudia

CT0002, 6-28-10, Rev.6 Page 2 of 2

LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

Report Number: 25141623.0004 Service Date: 10/02/14 Report Date: 10/06/14

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Task: Earthwork/Field Density Testing

Project Client

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393

Moline Street PCB Site Removal Action

3555 Moline St Aurora, CO

Project Number 25141623

Material Information

Source of Material: Martin Marietta Spec Agg Quarry

Proposed Use: Class 6 Fill Sample Information

Sample Date: 10/01/14 Sampled By: Contractor Sample Location: Martin Marietta

Sample Description: Moline-10-1-14-MM-S2 (South) Class 6

Laboratory Test Data

Test Procedure: ASTM D698 **Test Method:** Method C Sample Preparation: Wet **Rammer Type:** Manual

Maximum Dry Unit Weight (pcf): 137.1 **Optimum Water Content (%):** 6.9

Result **Specifications** Non-plastic Maximum 30 **Liquid Limit:**

Plastic Limit: Non-plastic **Plasticity Index:** Non-plastic

In-Place Moisture (%):

Passing 3/4" (%): 960 Minimum 100.0 Passing #200 (%): 11.0 3.0 - 12.0**USCS:** Poorly Graded Gravel w/Silt &Sand, GP-GM

Zero Air Voids Curve for Assumed Specific

Gravity 2.70 138 137 Dry Unit Weight (pcf) 136 135 133 132 131 130 129 128 127

Water Content (%)

Comments: An asterisk (*) appears next to test results which do NOT meet the project specifications as noted above.

Services: D698, Sieve, PI

Terracon Rep.: Contractor

Reported To: **Contractor:**

Report Distribution:

(1) CTI and Associates, Inc., Timothy Moore

Reviewed By:

Jon D. Doudna, P.E. **Project Engineer**

Test Methods:

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Page 1 of 1 CR0006, 10-16-13, Rev.7



Report Number: 25141623.0008 **Service Date:** 10/27/14 **Report Date:** 10/28/14

Task: Earthwork/Field Density Testing

Terracon 10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

w/Silt&Sand

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393

CR0007, 11-16-12, Rev.7

Moline Street PCB Site Removal Action 3555 Moline St Aurora. CO

Project Number: 25141623

Mater	ial Informatior	1		Lab To	est Data	Project R	equirements
				Optimum Water	Max. Lab	Water	
Mat.	Proctor		Laboratory	Content	Density	Content	Compaction
No.	Ref. No.	Classification and Description	Test Method	(%)	(pcf)	(%)	(%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South)	ASTM D698	6.9	137.1	-2/+2	95
		Class 6 Poorly Graded Gravel					

Field Test Data Wet **Probe** Water Water Dry Percent Test Lift / Mat. **Depth Density Content Content Density** Compaction **Test Location** Elev. No. No. (in) (pcf) (pcf) (%)(pcf) (%)**Building C** 1 10' south x 25' east from 3.5' BG 1 8 129.0 6.3 5.1 122.7 89 northwest corner of Building C 15' south x 20' east from 90 2 3.5' BG 1 8 130.3 7.4 6.0 122.9 northwest corner of Building C 3 Retest of test 1 from 10/27/14 3.5' BG 1 8 140.7 10.8 8.3 129.9 95 (dispatch .0008) 4 Retest of test 2 from 10/27/14 8 95 3.5' BG 1 141.1 11.4 8.8 129.7 (dispatch .0008) 5 10' south x 18' east from 3' BG 1 8 140.6 10.7 8.2 129.9 95 northwest corner of Building C 15' south x 28' east from 6 3' BG 1 8 139.8 10.0 7.7 129.8 95 northwest corner of Building C 7 5' south x 25' east from 2.5' BG 1 8 140.3 10.0 7.7 130.3 95 northwest corner of Building C 8 15' south x 20' east from 2.5' BG 8 142.9 10.5 7.9 132.4 97 1 northwest corner of Building C 9 10' south x 35' east from 2.5' BG 1 8 140.8 11.0 8.5 129.8 95 northwest corner of Building C 10 20' south x 30' east from 2' BG 1 8 141.2 9.0 6.8 132.2 96 northwest corner of Building C 10' south x 20' east from 11 2' BG 1 8 141.1 9.2 7.0 131.9 96 northwest corner of Building C 12 10' south x 30' east from 1.5' BG 8 138.6 8.1 6.2 130.5 95 1 northwest corner of Building C 13 20' south x 15' east from 1.5' BG 1 8 138.9 9.2 7.1 129.7 95 northwest corner of Building C 14 25' south x 20' east from 1' BG 8 137.2 7.3 5.6 129.9 95 northwest corner of Building C 15 15' south x 30' east from 1' BG 1 8 138.2 8.6 6.6 129.6 95 northwest corner of Building C 25' south x 30' east from 8 9.2 7.0 16 0.5' BG 140.2 131.0 96 northwest corner of Building C

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Page 1 of 2

Report Number: 25141623.0008 **Service Date:** 10/27/14

Report Date: 10/2//14 10/28/14

Task: Earthwork/Field Density Testing

Terracon 10625 W I-70 Frontage Rd N Ste 3

Std. Cnt. D: 2798

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc.

Moline Street PCB Site Removal Action

Attn: Timothy Moore 3555 Moline St 51331 Pontiac Trail Aurora, CO Wixom, MI 48393

Project Number: 25141623

Field Test Data				Probe	Wet	Water	Water	Dry	Percent
Test		Lift /	Mat.	Depth	Density	Content	Content	Density	Compaction
No.	Test Location	Elev.	No.	(in)	(pcf)	(pcf)	(%)	(pcf)	(%)
17	7' south x 20' east from northwest corner of Building C	0.5' BG	1	8	139.4	8.1	6.2	131.3	96

Datum: Replacement fill for removed contaminated soil Serial No: 743 Std. Cnt. M:881

Comments: Test and/or retest results on this report meet project requirements as noted above.

Low (failing) densities for tests 1 and 2. These locations were reworked and received passing retests.

Services: Field Density Testing **Terracon Rep.:** Travis O. Whalen

Reported To: Ronnie Weeks with CTI and Associates

Contractor:

Report Distribution:

(1) CTI and Associates, Inc., Timothy Moore

Reviewed By:

Jon D. Doudna, P.E. Project Engineer

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CR0007, 11-16-12, Rev.7 Page 2 of 2

Report Number: 25141623.0009 **Service Date:** 10/28/14 **Report Date:** 10/30/14

Task: Earthwork/Field Density Testing

Terracon 10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

w/Silt&Sand

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action 3555 Moline St Aurora, CO

Project Number: 25141623

Mater	ial Information	1		Lab T	est Data	Project R	equirements
				Optimum			
				Water	Max. Lab	Water	
Mat.	Proctor		Laboratory	Content	Density	Content	Compaction
No.	Ref. No.	Classification and Description	Test Method	(%)	(pcf)	(%)	(%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South)	ASTM D698	6.9	137.1	-2/+2	95
		Class 6 Poorly Graded Gravel					

Field Test Data Wet **Probe** Water Water Dry Percent Test Lift / Mat. **Depth Density Content Content Density** Compaction **Test Location** Elev. No. No. (in) (pcf) (pcf) (%)(pcf) (%)**Buildings C and D** 25' south x 10' east from 95 1 Subgrade 1 8 136.9 7.0 5.4 129.9 northwest corner of Building C 10' south x 25' east from 2 Subgrade 1 8 136.9 4.9 130.5 95 6.4 northwest corner of Building C 20' south x 30' east from 3 Subgrade 1 8 136.4 6.6 5.1 129.8 95 northwest corner of Building C 7' north x 40' west from 4' BG 8 95 4 1 138.2 8.3 6.4 129.9 southeast corner of Building C 5 5' south x 15' east from 2' BG 1 8 136.3 6.6 5.1 129.7 95 northwest corner of Building D 5' south x 25' east from 6 2' BG 1 8 137.2 7.0 5.4 130.2 95 northwest corner of Building D 7 7' nortth x 45' east from 3.5' BG 1 8 137.0 7.0 5.4 130.0 95 southeast corner of Building C 7' north x 5' east from southwest 8 8 139.3 9.5 7.3 129.8 95 Subgrade 1 corner of Building D 9 8' north x 35' west from 2.5' BG 1 8 139.8 8.0 6.1 131.8 96 southeast corner of Building C 10 6' north x 45' west from 2.5' BG 1 8 138.8 8.5 6.5 130.3 95 southeast corner of Building C Replacement fill for removed contaminated soil Std. Cnt. M:882 Std. Cnt. D: 2808 Serial No: 743

Comments: Test and/or retest results on this report meet project requirements as noted above.

Page 1 of 2

Report Number: 25141623.0009 **Service Date:** 10/28/14 **Report Date:** 10/30/14

Task: Earthwork/Field Density Testing

Terracon 10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action

3555 Moline St Aurora, CO

Project Number: 25141623

Services: Field Density Testing **Terracon Rep.:** Travis O. Whalen

Reported To: Ronnie Weeks with CTI and Associates

Contractor:

Report Distribution:

(1) CTI and Associates, Inc., Timothy Moore

Reviewed By:

Jon D. Doudna, P.E. Project Engineer

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CR0007, 11-16-12, Rev.7 Page 2 of 2

Report Number: 25141623.0010 **Service Date:** 10/29/14 **Report Date:** 10/30/14

Task: Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

w/Sand&Silt

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action 3555 Moline St Aurora, CO

Project Number: 25141623

Mater	ial Information	1		Lab T	est Data	Project R	equirements
				Optimum			
				Water	Max. Lab	Water	
Mat.	Proctor		Laboratory	Content	Density	Content	Compaction
No.	Ref. No.	Classification and Description	Test Method	(%)	(pcf)	(%)	(%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South)	ASTM D698	6.9	137.1	-2/+2	95
		Class 6 Poorly Graded Gravel					

Field Test Data Wet **Probe** Water Water Dry Percent Test Lift / Mat. **Depth Density Content Content Density** Compaction **Test Location** Elev. No. No. (in) (pcf) (pcf) (%)(pcf) (%)**Buildings D and F** 5' south x 30' east from 7.6 131.2 1 1' BG 1 8 141.2 10.0 96 northwest corner of Building D 2 5' south x 15' east from 1' BG 1 8 137.1 5.1 130.4 95 6.7 northwest corner of Building D 3 12' south x 35' west from 6' BG 1 8 136.1 6.4 4.9 129.7 95 northeast corner of Building D 4 20' south x 20' west from 8 97 6' BG 1 139.8 6.9 5.2 132.9 northeast corner of Building D 5 8' south x 25' east from 0.5' BG 1 8 138.1 8.2 6.3 129.9 95 northwest corner of Building D 4' south x 8' east from northwest 6 0.5' BG 1 8 136.1 6.4 4.9 129.7 95 corner of Building D 7 20' south x 35' west from 5.5' BG 1 8 138.8 6.6 5.0 132.2 96 northeast corner of Buildng D 10' south x 20' west from 8 5.5' BG 8 140.1 5.5 132.8 97 1 7.3 northeast corner of Building D 9 6' south x 7' west from northeast 8 138.9 6.6 130.3 95 Subgrade 1 8.6 corner of Building F 10 10' south x 40' west from 5' BG 1 8 139.9 8.9 6.8 131.0 96 northeast corner of Building D 20' south x 30' west from 11 5' BG 1 8 137.3 7.5 5.8 129.8 95 northeast corner of Building D 12 15' south x 20' west from 5' BG 8 139.6 9.4 7.2 130.2 95 1 northeast corner of Building D 13 3' south x 30' east from Subgrade 1 137.9 7.8 6.0 130.1 95 northwest corner of Building D 14 6' south x 10' east from Subgrade 1 8 141.2 6.6 4.9 134.6 98 northwest corner of Building D **Datum:** Replacement fill for removed cotaminated soil Std. Cnt. M:881 Std. Cnt. D: 2791 Serial No: 743

Comments: Test and/or retest results on this report meet project requirements as noted above.

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Report Number: 25141623.0010 **Service Date:** 10/29/14 **Report Date:** 10/30/14

Task: Earthwork/Field Density Testing

Terracon 10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action

3555 Moline St Aurora, CO

Project Number: 25141623

Services: Field Density Testing **Terracon Rep.:** Travis O. Whalen

Reported To: Ronnie Weeks with CTI and Associates

Contractor:

Report Distribution:

(1) CTI and Associates, Inc., Timothy Moore

Reviewed By:

Jon D. Doudna, P.E. Project Engineer

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CR0007, 11-16-12, Rev.7 Page 2 of 2

Report Number: 25141623.0011 **Service Date:** 10/30/14 **Report Date:** 10/30/14

Task: Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action 3555 Moline St Aurora, CO

Project Number: 25141623

Mater	ial Information	1		Lab T	est Data	Project R	equirements
				Optimum			
				Water	Max. Lab	Water	
Mat.	Proctor		Laboratory	Content	Density	Content	Compaction
No.	Ref. No.	Classification and Description	Test Method	(%)	(pcf)	(%)	(%)
1	25141623.0005	Moline-10-1-14-MM-S1 (North)	ASTM D698	7.4	137.2	+/-2	95
		Class 6					

Field	Test Data			Probe	Wet	Water	Water	Dry	Percent
Test		Lift /	Mat.	Depth	Density	Content	Content	Density	Compaction
No.	Test Location	Elev.	No.	<u>(in)</u>	(pcf)	(pcf)	<u>(%)</u>	(pcf)	(%)
	Fill area at building D NE corner								
1	5'W x 5'S of NE corner of fill area	4'BG	1	8	141.6	8.8	6.6	132.8	97
2	13'W x 10'S of NE corner of fill area	4'BG	1	6	140.0	9.0	6.9	131.0	95
3	26'W x 5'S of NE corner of fill	4'BG	1	6	137.7	6.3	4.8 *	131.4	96
4	retest-test #3	4'BG	1	6	141.3	7.6	5.7	133.7	97
5	20'S x 4'W of NE corner of fill area	3'6"BG	1	6	139.2	7.9	6.0	131.3	96
6	10'S x 17'W of NE corner of fill	3'6"BG	1	6	137.9	7.4	5.7	130.5	95
7	7'S x 26'W of NE corner of fill	3'6"BG	1	6	141.7	8.4	6.3	133.3	97
8	5'S x 8'W of NE corner of fill	3'BG	1	6	142.2	8.6	6.4	133.6	97
9	17'S x 20'W of NE corner of fill	3'BG	1	6	140.1	7.6	5.7	132.5	97
10	6'S x 30'W of NE corner of fill	3'BG	1	6	140.5	7.6	5.7	132.9	97
	Fill area at building B								
11	Centerline fill	3'6" BG	1	6	144.2	7.5	5.5	136.7	100
12	centerline of fill	3'BG	1	6	142.3	7.3	5.4	135.0	98
13	centerline of fill	2'6"BG	1	6	142.9	8.6	6.4	134.3	98
14	centerline of fill	2'BG	1	6	140.1	9.0	6.9	131.1	96
15	centerline of fill	1'6"BG	1	6	140.0	7.9	6.0	132.1	96
16	3'E x 4'N SW corner of fill	1'BG	1	6	139.5	8.5	6.5	131.0	95
17	7'E x 10'N of SW corner of fill	1'BG	1	6	140.8	7.2	5.4	133.6	97
	area								
18	2'S x 2'W of NE corner of fill	6"BG	1	6	140.2	7.2	5.4	133.0	97
19	7'S x 4'W of NE corner of fill	6"BG	1	6	137.4	7.0	5.4	130.4	95
20	1'S x 1'W of NE corner of fill	@G	1	8	139.6	7.5	5.7	132.1	96
21	8'S x 5'W of NE corner of fill	@G	1	8	138.8	7.2	5.5	131.6	96
Datum:	BG=Below grade			Serial	No: 37516	Std. C	nt. M:688	Std. Cn	t. D: 2330

Comments: Test and/or retest results on this report meet project requirements as noted above.

Tests #5, 6, 7 were tested in a trench which required a trench offset. offset number applied M=-36, D=-199

Report Number: 25141623.0011 **Service Date:** 10/30/14 **Report Date:** 10/30/14

Task: Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action 3555 Moline St

Aurora, CO

Project Number: 25141623

Services: Field Density Testing
Terracon Rep.: Michael D. Gessert
Reported To: Paul Haas with CTI

Contractor:

Report Distribution:

(1) CTI and Associates, Inc., Timothy Moore

Reviewed By:

Jon D. Doudna, P.E. Project Engineer

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CR0007, 11-16-12, Rev.7 Page 2 of 2

Report Number: 25141623.0012 **Service Date:** 10/31/14 **Report Date:** 11/05/14

Task: Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action 3555 Moline St Aurora, CO

Project Number: 25141623

Mater	ial Information	1		Lab T	est Data	Project Requirements	
				Optimum			
				Water	Max. Lab	Water	
Mat.	Proctor		Laboratory	Content	Density	Content	Compaction
No.	Ref. No.	Classification and Description	Test Method	(%)	(pcf)	(%)	(%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South)	ASTM D698	6.9	137.1	-2/+2	95
		Class 6					

Field [*]	Test Data			Probe	Wet	Watan	Water	D	D4
Test No.	Test Location	Lift / Elev.	Mat. No.	Depth (in)	Density (pcf)	Water Content (pcf)	Content (%)	Dry Density (pcf)	Percent Compaction (%)
	Buildings C and D								
1	15' south x 40' west from northeast corner of Building D	3' BG	1	8	137.7	6.8	5.2	130.9	95
2	25' south x 30' west from northeast corner of Building D	3' BG	1	8	138.4	6.5	4.9	131.9	96
3	13' south x 20' west from northeast corner of Building D	3' BG	1	8	136.6	6.5	5.0	130.1	95
4	9' north x 20' west from southeast corner of Building C	1.5' BG	1	8	137.5	7.8	6.0	129.7	95
5	10' north x 40' west from southeast corner of Building C	1.5' BG	1	8	136.4	6.4	4.9	130.0	95
6	5' north x 40' west from southeast corner of Building C	1' BG	1	8	136.3	6.5	5.0	129.8	95
7	8' north x 25' west from southeast corner of Building C	1' BG	1	8	136.4	6.4	4.9	130.0	95
8	20' south x 20' west from northeast corner of Building D	2.5' BG	1	8	137.5	6.8	5.2	130.7	95
9	10' south x 35' west from northeast corner of Building D	2.5' BG	1	8	137.3	6.5	5.0	130.8	95
10	5' north x 20' west from southeast corner of Building C	0.5' BG	1	8	139.6	8.9	6.8	130.7	95
11	10' north x 35' west from southeast corner of Building C	0.5' BG	1	8	137.8	8.0	6.2	129.8	95
12	10' north x 25' west from southeast corner of Building C	Subgrade	1	8	136.3	6.4	4.9	129.9	95
13	5' north x 40' west from southeast corner of Building C	Subgrad	1	8	138.4	6.7	5.1	131.7	96
Datum:	Replacement fill for removed cor	ntaminated so	oil	Serial	No: 743	Std. C	nt. M:878	Std. Cnt	t. D : 2789

Comments: Test and/or retest results on this report meet project requirements as noted above.

At time of first site visit, the contractor was not ready for field density tests.

Report Number: 25141623.0012 **Service Date:** 10/31/14 **Report Date:** 11/05/14

Task: Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action 3555 Moline St

Aurora, CO

Project Number: 25141623

Services: Field Density Testing **Terracon Rep.:** Travis O. Whalen

Reported To: Ronnie Weeks with CTI and Associates

Contractor:

Report Distribution:

(1) CTI and Associates, Inc., Timothy Moore

Reviewed By:

Jon D. Doudna, P.E. Project Engineer

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CR0007, 11-16-12, Rev.7 Page 2 of 2

Report Number: 25141623.0013 **Service Date:** 11/04/14 **Report Date:** 11/05/14

Task: Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action 3555 Moline St Aurora, CO

Project Number: 25141623

Mater	ial Information	1		Lab T	est Data	Project Requirements	
				Optimum Water Max Lah			
				Water	Max. Lab	Water	
Mat.	Proctor		Laboratory	Content	Density	Content	Compaction
No.	Ref. No.	Classification and Description	Test Method	(%)	(pcf)	(%)	(%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South)	ASTM D698	6.9	137.1	-2/+2	95
		Class 6					

Field	Test Data			Probe	Wet	Water	Water	Dry	Percent
Test No.	Test Location	Lift / Elev.	Mat. No.	Depth (in)	Density (pcf)	Content (pcf)	Content (%)	Density (pcf)	Compaction (%)
	Building D								
1	10' south x 40' west from northeast corner of Building D	2' BG	1	8	136.4	6.6	5.1	129.8	95
2	25' south x 35' west from northeast corner of Building D	2' BG	1	8	138.0	6.9	5.3	131.1	96
3	15' south x 15' west from northeast corner of Building D	2' BG	1	8	138.0	6.7	5.1	131.3	96
4	15' south x 35' west from northeast corner of Buildiong D	1.5' BG	1	8	138.0	7.2	5.5	130.8	95
5	25' south x 20' west from northeast corner of Building D	1.5' BG	1	8	140.3	8.2	6.2	132.1	96
6	15' south x 20' west from northeast corner of Building D	1' BG	1	8	137.8	6.4	4.9	131.4	96
7	25' south x 30' west from northeast corner of Building D 1' BG	1' BG	1	8	136.6	7.0	5.4	129.6	95
8	10' south x 15' west from northeast corner of Building D	0.5' BG	1	8	137.8	7.9	6.1	129.9	95
9	25' south x 25' west from northeast corner of Building D	0.5' BG	1	8	146.2	11.3	8.4	134.9	98
10	15' south x 40' west from northeast corner of Building D	0.5' BG	1	8	144.6	11.6	8.7	133.0	97
Datum:	: Replacement fill for removed contamina		oil	Serial	No: 743	Std. C	nt. M:878	Std. Cnt	t. D: 2757

Comments: Test and/or retest results on this report meet project requirements as noted above.

Report Number: 25141623.0013 **Service Date:** 11/04/14 **Report Date:** 11/05/14

Task: Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action 3555 Moline St

Aurora, CO

Project Number: 25141623

Services: Field Density Testing **Terracon Rep.:** Travis O. Whalen

Reported To: Ronnie Weeks with CTI and Associates

Contractor:

Report Distribution:

(1) CTI and Associates, Inc., Timothy Moore

Reviewed By:

Jon D. Doudna, P.E. Project Engineer

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CR0007, 11-16-12, Rev.7 Page 2 of 2

Report Number: 25141623.0013 **Service Date:** 11/04/14 **Report Date:** 11/05/14

Task: Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action 3555 Moline St Aurora, CO

Project Number: 25141623

Mater	ial Information	1		Lab T	est Data	Project Requirements	
				Optimum Water Max Lah			
				Water	Max. Lab	Water	
Mat.	Proctor		Laboratory	Content	Density	Content	Compaction
No.	Ref. No.	Classification and Description	Test Method	(%)	(pcf)	(%)	(%)
1	25141623.0004	Moline-10-1-14-MM-S2 (South)	ASTM D698	6.9	137.1	-2/+2	95
		Class 6					

Field	Test Data			Probe	Wet	Water	Water	Dry	Percent
Test No.	Test Location	Lift / Elev.	Mat. No.	Depth (in)	Density (pcf)	Content (pcf)	Content (%)	Density (pcf)	Compaction (%)
	Building D								
1	10' south x 40' west from northeast corner of Building D	2' BG	1	8	136.4	6.6	5.1	129.8	95
2	25' south x 35' west from northeast corner of Building D	2' BG	1	8	138.0	6.9	5.3	131.1	96
3	15' south x 15' west from northeast corner of Building D	2' BG	1	8	138.0	6.7	5.1	131.3	96
4	15' south x 35' west from northeast corner of Buildiong D	1.5' BG	1	8	138.0	7.2	5.5	130.8	95
5	25' south x 20' west from northeast corner of Building D	1.5' BG	1	8	140.3	8.2	6.2	132.1	96
6	15' south x 20' west from northeast corner of Building D	1' BG	1	8	137.8	6.4	4.9	131.4	96
7	25' south x 30' west from northeast corner of Building D 1' BG	1' BG	1	8	136.6	7.0	5.4	129.6	95
8	10' south x 15' west from northeast corner of Building D	0.5' BG	1	8	137.8	7.9	6.1	129.9	95
9	25' south x 25' west from northeast corner of Building D	0.5' BG	1	8	146.2	11.3	8.4	134.9	98
10	15' south x 40' west from northeast corner of Building D	0.5' BG	1	8	144.6	11.6	8.7	133.0	97
Datum:	: Replacement fill for removed contamina		oil	Serial	No: 743	Std. C	nt. M:878	Std. Cnt	t. D: 2757

Comments: Test and/or retest results on this report meet project requirements as noted above.

Report Number: 25141623.0013 **Service Date:** 11/04/14 **Report Date:** 11/05/14

Task: Earthwork/Field Density Testing

10625 W I-70 Frontage Rd N Ste 3

Wheat Ridge, CO 80033

303-423-3300

Client Project

CTI and Associates, Inc. Attn: Timothy Moore 51331 Pontiac Trail Wixom, MI 48393 Moline Street PCB Site Removal Action 3555 Moline St

Aurora, CO

Project Number: 25141623

Services: Field Density Testing **Terracon Rep.:** Travis O. Whalen

Reported To: Ronnie Weeks with CTI and Associates

Contractor:

Report Distribution:

(1) CTI and Associates, Inc., Timothy Moore

Reviewed By:

Jon D. Doudna, P.E. Project Engineer

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CR0007, 11-16-12, Rev.7 Page 2 of 2